



No. 52

27 DECEMBER 2003



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
QM1(SW) Christopher Colquhoun	USS PORT ROYAL
ET3 Condon	USS SALT LAKE CITY
Second Officer Mark S. Gervais	USNS GILLILAND
C. Zenter	M/V OVERSEAS HARRIETTE

Cover Photo: The **USNS GUADALUPE (T-AO 200)** is one of the Military Sealift Command's fourteen underway replenishment oilers and part of the 36 ships in the Naval Fleet Auxiliary Force (NFAF). NFAF ships are the lifeline to U.S. Navy ships at sea. By providing food, fuel, ammunition, spare parts and other supplies these ships enable our naval combatants to operate worldwide at the highest operational level possible. For years, the **GUADALUPE** has played a vital role in the re-supply of the Navy's Seventh Fleet ships operating in the Pacific. The **GUADALUPE** is 677 feet in length, has a beam of 97 feet, a draft of 35 feet and is crewed by civil service mariners. *Photo of USNS GUADALUPE courtesy of Military Sealift Command, Public Affairs Office.*

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 52/03

HYDROGRAM

**National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

27 December 2003

QUARTERLY SUMMARY OF INFORMATION OF INTEREST TO NAVIGATORS

NAVAREAS, HYDROPACS AND HYDROLANTS-SEE SECTION III.

NEW EDITION OF SAILING DIRECTIONS

PUB. 191, SAILING DIRECTIONS (ENROUTE) ENGLISH CHANNEL, TENTH EDITION, 2003, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

310	20Ed. 12/29/79 LAST NM 24/03 Delete R Bn at light R Bn at light (26(4128, 4129)03 St. Petersburg)	52/03 45°01'N 35°26'E 45°04'N 36°23'E	★11327 31Ed. 8/03 LAST NM 46/03 Change Legend to "33 FT JUL 2003" (NOS)	52/03 29°36'41"N 95°01'17"W
411	49Ed. 3/03 LAST NM 44/03 Delete WHIS from buoy "12" (35/03 CG7)	52/03 27°23'N 80°08'W	★11328 23Ed. 8/03 LAST NM 43/03 Change Period of light to 2.5s Period of light to 2.5s Legend to "34 FT FOR A WIDTH OF 300 FT AUG 2003"	52/03 29°43'37.5"N 95°01'18.7"W 29°43'40.4"N 95°01'22.9"W
1113A	Ed. 3/03 LAST NM 25/03 Add Depth 8 1/2 fathoms Wk [K26]	52/03 24°27.8'N 81°44.3'W	Danger circle [K46.1] "Obstn (Fish Haven)" 26°48.6'N 82°19.7'W Danger circle [K46.2] "(Fish Haven) (auth min 4fms)" (NOS)	Legend to "39 FT AUG 2003" (NOS; 39/03 CG8)
1115A	Ed. 10/02 LAST NM 51/03 Delete Platform (36/03 CG8)	52/03 29°40.9'N 88°33.1'W	11329 35Ed. 9/03 LAST NM 49/03 Change Period of light to 2.5s Period of light to 2.5s (39/03 CG8)	52/03 29°43'37.7"N 95°01'18.7"W 29°43'40.4"N 95°01'22.9"W
1116A	Ed. 6/03 LAST NM 51/03 Add Platform [L10] (36/03 CG8)	52/03 28°32.3'N 93°31.9'W	★11332 28Ed. 8/02 LAST NM 47/03 Add Platform [L10] Platform [L10] (36/03 CG8)	52/03 29°27'34"N 93°53'24"W 29°39'39"N 93°34'01"W
11009	36Ed. 10/20/01 LAST NM 39/03 Relocate Buoy "12" from 27°23.1'N 80°06.8'W to and delete WHISTLE (35/03 CG7)	52/03 27°23.3'N 80°08.0'W	11340 68Ed. 6/03 LAST NM 51/03 Add Platform [L10] (36/03 CG8)	52/03 28°32.3'N 93°31.9'W
11013	45Ed. 7/03 LAST NM 50/03 Delete WHIS from buoy "12" (35/03 CG7)	52/03 27°23.3'N 80°08.0'W	11341 39Ed. 2/03 LAST NM 47/03 Add Platform [L10] Platform [L10] (36/03 CG8)	52/03 29°27'34"N 93°53'24"W 29°39'39"N 93°34'01"W
★11307	36Ed. 9/22/01 LAST NM 35/03 Add Platform [L10] Platform [L10] (36/03 CG8)	52/03 27°48'15"N 96°55'22"W 27°54'38"N 96°58'13"W	★11349 40Ed. 7/02 LAST NM 36/03 Delete Platform Platform (39/03 CG8)	52/03 29°17'05"N 92°06'22"W 29°22'17"N 91°59'36"W
★11313	22Ed. 3/24/01 LAST NM 36/03 Add Platform [L10] Platform [L10] Platform [L10] Platform [L10] (36/03 CG8)	52/03 27°54'38"N 96°58'13"W 27°56'38"N 96°56'22"W 28°04'32"N 96°36'14"W 28°05'29"N 96°33'17"W	★11351 38Ed. 3/03 LAST NM 51/03 Add Platform [L10] (36/03 CG8)	52/03 29°00'01"N 91°15'01"W
11320	1Ed. 9/25/99 LAST NM N24/03 Add Platform [L10] (36/03 CG8)	N52/03 27°48'15"N 96°55'22"W	★11356 35Ed. 7/03 LAST NM 51/03 Delete Danger circle "Obstn" (PA) Add Platform [L10] (36/03 CG8)	52/03 28°49'00"N 91°15'00"W 29°00'01"N 91°15'01"W
★11324	33Ed. 9/03 LAST NM 49/03 Change Legend to "32 FT JUL 2003 Turning Basin" (NOS)	52/03 29°21'42"N 94°54'55"W	★11357 36Ed. 7/03 LAST NM 38/03 Delete Platform (39/03 CG8)	52/03 28°45'50"N 90°13'09"W
11326	31Ed. 10/02 LAST NM 46/03 (Page A)	52/03 29°36'29"N 95°01'40"W	11360 40Ed. 10/02 LAST NM 51/03 Delete Platform (36/03 CG8)	52/03 29°40.9'N 88°33.1'W
Change	Legend to "33 FT JUL 2003" (See 16/03-11326)	29°36'29"N 95°01'40"W	★11361 70Ed. 4/03 LAST NM 51/03 Add Platform [L10] (36/03 CG8)	52/03 29°16'26"N 89°02'00"W
Change	(Page A, Inset 1) Period of light to 2.5s Period of light to 2.5s Legend to "34 FT FOR WIDTH OF 300 FT AUG 2003"	29°43'37.5"N 95°01'18.7"W 29°43'40.8"N 95°01'22.9"W 29°40'58.0"N 94°59'33.0"W	11362 4Ed. 6/10/00 LAST NM N51/03 Delete Platform (36/03 CG8)	N52/03 29°40.9'N 88°33.0'W
Change	Legend to "39 FT AUG 2003" (See 7/03-11326)	29°40'58.0"N 95°00'23.0"W	★11366 8Ed. 10/03 NEW EDITION Substitute Wreck [K29] (PA) for dangerous wreck (PA) (Previously published 51/03)	52/03 28°45.2'N 89°48.6'W
Change	(Page C) Legend to "32 FT 2003" (NOS; 39/03 CG8)	29°21'43"N 94°54'53"W	Add Stranded wreck [K24] (PA) (Previously published 51/03)	29°45.6'N 88°47.0'W

★11368	22Ed. 7/02 LAST NM 51/03 Relocate "GOVERNOR NICHOLLS LT '94" & TRAFFIC LT" from 29°57'37.8"N 90°03'22.8"W to (39/03 CG8)	52/03 29°57'37.9"N 90°03'23.1"W	Swept depth 25 feet enclosed by dotted-line circle and legend "Pipe" for 30 feet Pipe 24°30'39"N 81°50'43"W
★11378	32Ed. 1/03 LAST NM 38/03 (Side A) Add Tabulation of controlling depths from Subsection I-2 Note: Replaces "Caucus Channel" tabulation (NOS)	52/03	Depth 29 feet for 29 feet Obstn 24°30'58"N 81°50'42"W
Change	Legend "Rk" to "Co Hd"	24°31'43"N 81°48'58"W	
Add	Depth 52 feet Wk [K26] Depth 30 feet Obstn [K41] Depth 36 feet Wk [K26] (NOS; 44/03 CG7)	24°27'51"N 81°44'16"W 24°30'50"N 81°49'55"W 24°30'14"N 81°49'56"W	
★11382	39Ed. 9/02 LAST NM 37/03 Add Tabulation of controlling depths from Subsection I-2 Note: Replaces "Caucus Channel" tabulation (NOS)	52/03	11442 34Ed. 7/03 LAST NM 39/03 Delete BELL from buoy "3A" BELL from buoy "5" (44/03 CG7)
			24°29'52"N 81°48'15"W 24°30'32"N 81°48'18"W
★11383	50Ed. 10/03 NEW EDITION (NOS)	52/03	11446 30Ed. 3/31/01 LAST NM 20/03 Delete BELL from buoy "3A" BELL from buoy "5" Dangerous wreck (PA) Swept depth 19 feet Obstn Swept depth 23 feet Obstn Swept depth 19 feet Obstn Legend "Obstns" Danger circle "Wk" and legend "(6 ft rep)" Substitute Depth 16 feet Obstn for 17 feet Obstn
			24°29'51"N 81°48'15"W 24°30'29"N 81°48'18"W 24°30'26"N 81°50'18"W 24°32'03"N 81°50'01"W 24°32'02"N 81°49'55"W 24°32'06"N 81°49'53"W 24°32'06"N 81°50'06"W 24°30'42"N 81°48'28"W
★11420	27Ed. 3/03 LAST NM 25/03 Add Depth 8½ fathoms Wk [K26]	52/03 24°27.8'N 81°44.3'W	Swept depth 25 feet enclosed by dotted-line circle and legend "Pipe" for 30 feet Pipe 24°30'39"N 81°50'43"W
	Danger circle [K46.1] "Obstn (Fish Haven)" 26°48.6'N 82°19.7'W		24°30'58"N 81°50'42"W
	Danger circle [K46.2] "(Fish Haven) (auth min 4fms)" (NOS)	26°45.8'N 82°27.5'W	24°31'46"N 81°48'59"W
11423	7Ed. 8/10/96 LAST NM N25/03 Add Depth 8 fathoms 3 feet Wk [K26]	N52/03 24°27.8'N 81°44.3'W	Add Depth 30 feet Obstn [K41] Depth 36 feet Wk [K26] (NOS; 44/03 CG7)
	Danger circle [K46.1] "Obstn (Fish Haven)" 26°48.6'N 82°19.7'W		24°30'50"N 81°49'55"W 24°30'14"N 81°49'56"W
	Danger circle [K46.2] "(Fish Haven) (auth min 4fms)" (NOS)	26°45.8'N 82°27.5'W	
11425	34Ed. 9/02 LAST NM 25/03 (Side A) Add Obstruction "(Fish Haven) (auth min 17ft)" [K46.2] bound by dotted line joining	52/03 26°48'41"N 82°19'49"W 26°48'41"N 82°19'35"W 26°48'28"N 82°19'35"W 26°48'28"N 82°19'49"W (NOS)	★11447 35Ed. 7/02 LAST NM 20/03 Delete BELL from buoy "5"
			24°30'31.4"N 81°48'18.2"W
			Swept depth 30 feet and legend "Pipe" 24°30'40.0"N 81°50'42.2"W
			Danger circle and legend "Wreckage 6 ft rep" 24°30'41.5"N 81°48'27.3"W
			Dangerous wreck (PA) Swept depth 19 feet Obstn Swept depth 23 feet Obstn Swept depth 19 feet Obstn Legend "30 ft rep (1995)" Legend "PA"
★11426	36Ed. 7/03 LAST NM 38/03 Add Obstruction "(Fish Haven) (auth min 17ft)" [K46.2] bound by dotted line joining	52/03 26°48'41"N 82°19'49"W 26°48'41"N 82°19'35"W 26°48'28"N 82°19'35"W 26°48'28"N 82°19'49"W (NOS)	Substitute Depth 29 feet for 29 feet Obstn 24°30'58.0"N 81°50'42.0"W
			Change Legend "Rk" to "Co Hd" 24°31'46.0"N 81°48'57.5"W
			Add Swept depth 25 feet enclosed by dotted-line circle and legend "Pipe" 24°30'39.0"N 81°50'43.3"W
			Depth 30 feet Obstn [K41] Depth 36 feet Wk [K26] (NOS; 44/03 CG7)
11435	13Ed. 9/27/97 LAST NM N39/03 Add Depth 8 fathoms 3 feet Wk [K26]	N52/03 24°27.8'N 81°44.3'W	11460 38Ed. 6/02 LAST NM 40/03 Delete WHIS from buoy "12"
			27°23.3'N 80°08.0'W
			Add Depth 8½ fathoms Wk [K26]
			24°27.8'N 81°44.3'W
			(NOS; 35/03 CG7)
★11441	39Ed. 4/28/01 LAST NM 20/03 Delete BELL from buoy "3A" BELL from buoy "5" Dangerous wreck (PA) Swept depth 19 feet Obstn Swept depth 23 feet Obstn Swept depth 19 feet Obstn Danger circle "Wk" and legend "(6 ft rep)" 24°30'41"N 81°48'28"W	52/03 24°29'51"N 81°48'15"W 24°30'31"N 81°48'18"W 24°30'26"N 81°50'17"W 24°32'04"N 81°50'01"W 24°32'03"N 81°49'55"W 24°32'05"N 81°49'54"W 24°30'41"N 81°48'28"W	11461 5Ed. 4/26/97 LAST NM 39/03 Add Depth 8 fathoms 3 feet Wk [K26]
			24°27.8'N 81°44.3'W
			(NOS)
★11474	10Ed. 3/25/00 LAST NM 17/03 Delete WHIS from buoy "12" (35/03 CG7)	52/03 27°23'17"N 80°08'01"W	
Substitute	Depth 16 feet Obstn for 17 feet Obstn 24°32'27"N 81°44'58"W		

SECTION I

NM 52/03

★11478	20Ed. 5/03 LAST NM 50/03 Relocate Buoy "13A" from 28°24'32.5"N 80°35'16.6"W to 28°24'32.3"N 80°35'15.6"W Buoy "15" from 28°24'33.3"N 80°36'59.3"W to 28°24'33.9"N 80°36'57.1"W (35/03 CG7)	52/03	★12286	29Ed. 11/02 LAST NM 42/03 Relocate Light "5" from 38°17'14"N 76°42'52"W to 38°17'13"N 76°42'51"W (42/03 CG5)	52/03
11479	4Ed. 9/27/97 LAST NM N40/03 Delete WHIS from buoy "12" (35/03 CG7)	N52/03 27°23.3'N 80°08.0'W	12304	43Ed. 3/03 LAST NM 48/03 Add Depth 21 feet Obstn (NOS)	52/03 38°53'06"N 74°50'16"W
11481	4Ed. 8/02 LAST NM 50/03 Relocate Buoy "13A" from 28°24'32.5"N 80°35'16.6"W to 28°24'32.3"N 80°35'15.6"W Buoy "15" from 28°24'33.6"N 80°36'59.2"W to 28°24'33.9"N 80°36'57.1"W (35/03 CG7)	52/03	★12313	49Ed. 7/03 LAST NM 43/03 Delete Dashed line joining Add Dashed line (channel limit) between (NOS)	52/03 39°55'08.9"N 75°12'04.4"W 39°55'07.8"N 75°12'05.0"W 39°55'05.6"N 75°12'05.3"W
11489	34Ed. 12/02 LAST NM 50/03 (Side B) Relocate Buoy "18" from 30°23'16"N 81°26'20"W to 30°23'15"N 81°26'19"W Buoy "20" from 30°23'05"N 81°26'32"W to 30°23'04"N 81°26'31"W Buoy "22" from 30°22'55"N 81°26'56"W to 30°22'54"N 81°26'55"W (See 12/03-11489) (35/03 CG7)	52/03	★12371	23Ed. 5/03 LAST NM 27/03 Delete Double solid line with land tint between Substitute Double solid line with land tint for double dashed line and land tint between Change Legend to "TOMLINSON LIFT BRIDGE HOR CL 241 FT VERT CL 13 FT DOWN VERT CL 62 FT UP"	52/03 41°17'50.0"N 72°54'12.0"W 41°17'57.3"N 72°54'21.2"W Legend "FIXED...13 FT" 41°18'01.9"N 72°54'35.1"W 41°17'50.4"N 72°54'13.0"W 41°17'57.3"N 72°54'21.2"W
★11491	33Ed. 3/24/01 LAST NM 50/03 (Side A) Relocate Buoy "18" from 30°23'16.2"N 81°26'20.3"W to 30°23'15.4"N 81°26'18.9"W Buoy "20" from 30°23'04.7"N 81°26'31.8"W to 30°23'03.5"N 81°26'31.1"W Buoy "22" from 30°22'55.1"N 81°26'55.9"W to 30°22'54.0"N 81°26'55.2"W (See 12/03-11491) (35/03 CG7)	52/03	(Inset) Delete Double solid line with land tint between Substitute Double solid line with land tint for double dashed line and land tint between Change Legend to "TOMLINSON LIFT BRIDGE HOR CL 241 FT VERT CL 13 FT DOWN VERT CL 62 FT UP"	52/03 41°17'50.0"N 72°54'14.5"W 41°17'56.5"N 72°54'20.5"W Legend "FIXED...13 FT" 41°17'56.5"N 72°54'27.5"W 41°17'50.5"N 72°54'13.7"W 41°17'55.3"N 72°54'21.5"W	
11502	28Ed. 6/2/01 LAST NM 50/03 Delete BELL from buoy "7" (35/03 CG7)	52/03 31°05'32"N 81°19'18"W	12372	31Ed. 8/02 LAST NM 49/03 (Page E) Delete Solid line between Substitute Solid line for dashed line between Change Legend to "TOMLINSON LIFT BRIDGE HOR CL 241 FT VERT CL 13 FT DOWN VERT CL 62 FT UP"	52/03 41°17'52"N 72°54'13"W 41°17'58"N 72°54'23"W Legend "FIXED...13 FT" 41°18'05"N 72°54'48"W 41°17'51"N 72°54'15"W 41°17'56"N 72°54'21"W
★11506	40Ed. 1/03 LAST NM 51/03 Delete BELL from buoy "7"	52/03 31°05'33"N 81°19'18"W	13003	47Ed. 6/03 LAST NM 48/03 Delete Depth 7 1/4 fathoms Obstn (NOS)	52/03 42°49.0'N 70°44.0'W
	Add Tabulation of controlling depths from Subsection I-2 (NOS; 35/03 CG7)		13218	38Ed. 3/10/01 LAST NM 50/03 Delete Depth 27 feet Substitute Depth 29 feet for 32 feet Add Depth 26 feet (NOS)	52/03 41°34'07"N 70°43'03"W 41°34'28"N 70°42'40"W 41°34'02"N 70°43'08"W 41°34'10"N 70°43'09"W
★12214	44Ed. 2/03 LAST NM 19/03 Add Depth 21 feet Obstn (NOS)	52/03 38°53'06"N 74°50'16"W			
12230	60Ed. 5/03 LAST NM 48/03 Change Legend to "Obstn (Fish Haven) (auth min 15ft)" (NOS)	52/03 38°20'32"N 76°22'22"W			
★12264	28Ed. 7/02 LAST NM 48/03 Change Legend to "Obstn (Fish Haven) (auth min depth 15ft)" (NOS)	52/03 38°20'33"N 76°22'27"W			
★12280	4Ed. 10/03 NEW EDITION Delete Buoy "2" (Previously published 50/03)	52/03 36°54.3'N 75°42.6'W			
	Change Legend to "Obstn (Fish Haven) (auth min depth 15ft)" (NOS)	38°20.8'N 76°22.5'W			

13229	27Ed.	7/28/01	LAST NM 50/03 (Page F)	52/03	★18525	33Ed.	6/30/01	LAST NM 29/03	52/03
Delete	Depth 27 feet		41°34'07"N 70°43'04"W		Delete	Dangerous wreck (PA)	45°41'11.1"N 122°46'08.5"W		
	Depth 27 feet		41°34'08"N 70°43'12"W		Wreck	45°43'32.3"N 122°46'01.8"W			
Substitute	Depth 29 feet for 32 feet		41°34'28"N 70°42'40"W		Dangerous wreck (PA)	45°44'00.5"N 122°45'27.3"W			
Add	Depth 26 feet		41°34'02"N 70°43'08"W		Dangerous wreck (PA)	45°47'00.0"N 122°46'57.6"W			
(NOS)	Depth 23 feet		41°34'10"N 70°43'09"W						
★13230	46Ed.	11/02	LAST NM 50/03	52/03	Substitute	Rock awash [K12] for danger circle "Subm obstn" (PA)	45°41'29.2"N 122°46'37.2"W		
Delete	Depth 27 feet		41°34'08"N 70°43'05"W		Change	Light to "42" QR 25ft 3M	45°39'27"N 122°46'01"W		
	Depth 27 feet		41°34'09"N 70°43'15"W		Add	Tabulation of controlling depths from Subsection I-2			
Substitute	Depth 29 feet for 32 feet		41°34'28"N 70°42'40"W		(NOS; 43/03 CG13)				
Add	Depth 26 feet		41°34'02"N 70°43'08"W		18526	55Ed.	5/26/01	LAST NM 29/03	52/03
(NOS)	Depth 23 feet		41°34'10"N 70°43'09"W		Change	Light to "42" QR 25ft 3M	45°39'27"N 122°46'01"W		
13302	21Ed.	11/3/01	LAST NM 45/03	52/03	Add	Tabulation of controlling depths from Subsection I-2			
Add	Position circle "Lt Ho (aband)" (42/03 CG1)		44°25'09"N 68°58'21"W		(NOS; 43/03 CG13)				
★13309	28Ed.	9/02	LAST NM 32/03	52/03	★18531	20Ed.	11/10/01	LAST NM 48/03 (Lower Panel)	52/03
Add	Position circle "Lt Ho (aband)" (42/03 CG1)		44°25'09"N 68°58'21"W		Change	Height of range light, rear to 94ft	45°37'06"N 122°01'28"W		
★18502	84Ed.	6/02	LAST NM 47/03	52/03	(43/03 CG13)				
Add	Tabulation of controlling depths from Subsection I-2				★18532	20Ed.	11/10/01	LAST NM 10/03 (Upper Panel)	52/03
Delete	(Inset) Depth 31 feet		46°54'44.8"N 124°06'34.8"W		Relocate	Range light, front "15" from 45°41'19"N 121°53'08"W to 45°41'18.4"N 121°53'06.6"W and add visibility (range) 4M Note: Range bearing unchanged			
Add	(NOS)	Depth 27 feet	46°54'44.8"N 124°06'34.1"W		Add	Visibility (range) 4M to range light, front "17"	45°42'06"N 121°50'49"W		
★18521	69Ed.	6/1/02	LAST NM 29/03	52/03	(43/03 CG13)				
Add	Tabulation of controlling depths from Subsection I-2				★18584	47Ed.	8/25/01	LAST NM 48/03	52/03
(NOS)					Add	Tabulation of controlling depths from Subsection I-2			
★18523	53Ed.	9/15/01	LAST NM 12/03	52/03	(NOS)				
Add	Tabulation of controlling depths from Subsection I-2				★18587	68Ed.	8/25/01	LAST NM 36/03	52/03
(NOS)					Change	Legend to "14 FT JUL 2003"	43°21'05"N 124°19'08"W		
★18524	33Ed.	2/23/02	LAST NM 47/03 (Left Panel)	52/03		Legend to "15 FT JUL 2003"	43°20'42"N 124°19'12"W		
Relocate	Light from 46°02'02"N 122°52'52"W to 46°01'59.2"N 122°52'48.2"W				Legend to "24 FT FEB-JUL 2003"	43°24'04"N 124°16'37"W			
Buoy "1" from 46°06'27"N 122°57'41"W to 46°06'22.8"N 122°57'40.4"W					Legend to "33 FT FEB-JUL 2003"	43°24'05"N 124°17'04"W			
Buoy "2" from 46°06'17"N 122°57'46"W to 46°06'13.2"N 122°57'50.0"W									
Buoy "3" from 46°06'22"N 122°57'35"W to 46°06'20.3"N 122°57'35.0"W									
Buoy "4" from 46°06'13"N 122°57'42"W to 46°06'10.8"N 122°57'44.5"W									
Change	Height of range light, front to 15ft		46°04'59"N 122°53'52"W						
	Height of range light, front to 14ft		46°03'55"N 122°52'56"W						
Add	Position circle "Dol" [F20]	46°06'27.4"N 122°58'20.9"W							
	Position circle "Dol" [F20]	46°06'24.7"N 122°58'17.4"W							
	Tabulation of controlling depths from Subsection I-2								
(Right Panel)	Relocate	Light from 46°02'02"N 122°52'52"W to 46°01'59.2"N 122°52'48.2"W							
Change	Height of range light, front to 17ft		45°56'18"N 122°48'09"W						
	Height of light "77" to 15ft		45°53'04"N 122°47'45"W						
Add	Depth 46 feet Obstn [K41]	46°01'18.1"N 122°51'43.8"W							
(NOS; 42, 43/03 CG13)									

SECTION I

NM 52/03

22343	1Ed. 8/3/61 LAST NM N41/03 Add Depth 12.1 meters (8/117/03 Valparaiso)	41°53.5'S 72°53.2'W	N52/03	Buoy "4" G, pillar, can topmark, Fl G 4s 22°49'27.6"S 43°09'34.2"W
22344	6Ed. 9/01 LAST NM N23/03 Add Submarine pipeline [L41.1] between 41°28'33.2"S 72°55'09.9"W 41°29'07.3"S 72°55'14.7"W		N52/03	Buoy "7" R, pillar, cone topmark, Fl R 4s 22°52'24.0"S 43°12'01.8"W
	"ANCHORING AND FISHING PROHIBITED (PIPELINE)" area bound by shore and purple composite line joining 41°28'32.0"S 72°55'18.0"W 41°29'12.7"S 72°55'23.1"W 41°29'13.9"S 72°55'07.4"W 41°28'39.0"S 72°55'03.5"W (8/116/03 Valparaiso)			Buoy "8" G, pillar, can topmark, Fl G 4s 22°52'39.6"S 43°12'19.2"W
				Buoy "10" G, pillar, can topmark, Fl G 4s 22°52'48.0"S 43°12'28.2"W (20/120, 121/03 Rio de Janeiro)
22351	1Ed. 10/2/51 LAST NM N41/03 Add Depth 14 meters (PD) (8/119/03 Valparaiso)	42°33.6'S 73°07.7'W	N52/03	24171 19Ed. 5/4/96 LAST NM 37/03 Delete Anchorage symbol 52/03 20°19'23.0"S 40°20'05.4"W
22352	6Ed. 2/1/97 LAST NM 35/03 Add Depth 14 meters (PD) (8/119/03 Valparaiso)	42°33.6'S 73°07.3'W	52/03	Add Depth 9.4 meters Rk [K14.2] 20°19'19.2"S 40°19'37.2"W (18/113/03 Rio de Janeiro)
22360	2Ed. 11/29/97 LAST NM 19/03 Add Rock awash [K12] Rock awash [K12] (8/120/03 Valparaiso)	44°37.2'S 74°28.0'W 44°35.6'S 74°23.2'W	52/03	24230 20Ed. 3/14/98 LAST NM 30/02 Add Beacon, double ball topmark, Fl(2) 10s 2M 52/03 5°03.4'S 36°03.3'W (18/116/03 Rio de Janeiro)
22361	2Ed. 7/25/84 LAST NM N34/03 Add Rock awash [K12] Rock awash [K12] (8/120/03 Valparaiso)	44°37.4'S 74°28.0'W 44°36.0'S 74°23.2'W	N52/03	24240 5Ed. 6/13/98 LAST NM 46/03 Add Beacon, double ball topmark, Fl(2) 10s 2M 52/03 5°03.4'S 36°03.3'W (18/116/03 Rio de Janeiro)
22371	5Ed. 8/9/97 LAST NM 33/03 Add Rock awash [K12] Rock awash [K12] (8/120/03 Valparaiso)	44°37.2'S 74°28.0'W 44°35.6'S 74°23.2'W	52/03	24430 5Ed. 8/7/93 LAST NM 31/03 Add Light Fl 12s 42m 11M 52/03 10°30.9'N 64°14.6'W (77/03 Caracas)
24050	11Ed. 10/18/97 LAST NM 51/03 Substitute Buoy "Oyarvide" BRB, spar, double ball topmark, Fl(2) 8s for light (10/96/03 Montevideo)	35°06.0'S 57°07.7'W	52/03	24431 14Ed. 4/1/95 LAST NM 31/03 Add Light Fl 12s 42m 11M 52/03 10°30'56"N 64°14'39"W (77/03 Caracas)
24055	6Ed. 10/4/97 LAST NM 51/03 Substitute Buoy "Oyarvide" BRB, spar, double ball topmark, Fl(2) 8s for light "Torre Ovarvide" (10/96/03 Montevideo)	35°06.0'S 57°07.7'W	52/03	24433 3Ed. 6/3/95 LAST NM 22/99 Add Light Fl 12s 42m 11M 52/03 10°30'56.4"N 64°14'39.0"W (77/03 Caracas)
24057	4Ed. 6/29/96 LAST NM 42/03 (Plan) Delete Buoy (mooring)	34°54'07"S 56°13'43"W	52/03	24434 4Ed. 10/29/94 LAST NM 39/02 Add Light Fl 12s 42m 11M 52/03 10°30'56"N 64°14'39"W (77/03 Caracas)
	Change Buoy "2" to R, pillar, cone topmark, Fl R 5s (BA CH 2001)	34°52'54"S 56°13'30"W		25001 7Ed. 8/11/01 LAST NM 15/03 Add Light symbol [P1] 52/03 10°30.9'N 64°14.6'W (77/03 Caracas)
24149	1Ed. 9/8/90 LAST NM 32/02 Change Light to FR 5M (45/4912/03 Taunton)	23°48'30"S 45°23'46"W	52/03	25017 5Ed. 10/30/93 LAST NM 39/03 Change Visibility (range) of light to 10M 52/03 17°53.6'N 66°31.3'W (35/03 CG7)
24162	9Ed. 8/3/96 LAST NM 47/03 Delete Buoy (See 22/02-24162)	22°49'22.2"S 43°09'34.8'W	52/03	25018 9Ed. 7/28/01 LAST NM 39/03 Change Visibility (range) of light to 10M 52/03 17°53.6'N 66°31.3'W (35/03 CG7)
	Relocate Buoy from 22°53'19.2"S 43°10'52.2'W to 22°53'20.4"S 43°10'49.2'W Buoy "3" from 22°53'00.0"S 43°11'13.8'W to 22°53'03.0"S 43°11'09.6'W			25480 1Ed. 1/21/95 LAST NM 46/02 Delete Depth 3.2 meters 52/03 12°03'20.4"N 61°45'30.3'W
	Add Buoy "1" R, pillar, cone topmark, Fl R 3s 22°49'24.6"S 43°09'27.6'W Buoy "2" G, pillar, can topmark, Fl G 3s 22°49'29.4"S 43°09'31.2'W Buoy "3" R, pillar, cone topmark, Fl R 4s 22°49'24.0"S 43°09'34.2'W			Add Depth 12.3 meters 52/03 12°03'20.0"N 61°45'31.2'W (BA CH 799)
				25640 40Ed. 4/6/02 LAST NM 39/03 Change Visibility (range) of light to 10M 52/03 17°53.6'N 66°31.3'W (35/03 CG7)
				25677 20Ed. 5/03 LAST NM 39/03 Change Visibility (range) of light to 10M 52/03 17°53.6'N 66°31.3'W (35/03 CG7)
				★25683 18Ed. 5/03 LAST NM 39/03 Relocate Buoy "4" from 17°56'36.0"N 66°37'42.8"W to 52/03 17°56'40.3"N 66°37'43.2'W Change Visibility (range) of light to 10M 52/03 17°53'35.4"N 66°31'16.2'W (NOS; 35/03 CG7)

25685	9Ed. 4/03 LAST NM 22/03 Change Visibility (range) of light to 10M (35/03 CG7)	52/03 17°53'35.4"N 66°31'16.2"W	57°30'56"N 11°30'21"E 57°30'50"N 11°31'23"E 57°30'40"N 11°32'05"E 57°29'45"N 11°37'54"E
27080	4Ed. 9/1/01 LAST NM 39/03 Add Depth 15.8 meters Wk [K26] (NOS)	52/03 24°27.8'N 81°44.3'W	44037 5Ed. 8/31/96 LAST NM 22/03 Add Submarine cable [L30.1] joining (6(75)02 Norrkoping)
37165	2Ed. 2/3/96 LAST NM 50/03 Delete Buoy "NAM 60" Swept depth 14 meters Rk (38(50), 39(2)03 Hamburg)	52/03 53°54.7'N 4°15.6'E 53°49.2'N 8°06.7'E	44040 23Ed. 7/20/96 LAST NM 44/03 Add Submarine cable [L30.1] joining (6(75)02 Norrkoping)
37221	13Ed. 2/3/96 LAST NM 51/03 Delete Swept depth 14 meters Rk Add Buoy YB, pillar, double cone topmark points downward, VQ(6) + L Fl 10s Foul ground symbol [K31] (38(90), 39(2)03 Hamburg)	52/03 53°49.2'N 8°06.7'E 53°34.7'N 6°34.5'E 53°35.8'N 6°33.7'E	44041 7Ed. 4/3/93 LAST NM 28/03 Add Submarine cable [L30.1] joining (6(75)02 Norrkoping)
37222	13Ed. 11/1/97 LAST NM 46/03 Add Buoy YB, pillar, double cone topmark points downward, VQ(6) + L Fl 10s Foul ground symbol [K31] (38(90)03 Hamburg)	52/03 53°34'39"N 6°34'28"E 53°35'50"N 6°33'44"E	44043 8Ed. 11/30/96 LAST NM 16/03 Add Submarine cable [L30.1] joining (6(75)02 Norrkoping)
37231	18Ed. 4/5/97 LAST NM 50/03 Delete Swept depth 14 meters Rk (39(2)03 Hamburg)	52/03 53°49'10"N 8°06'39"E	44105 2Ed. 1/29/94 LAST NM 48/03 Add Anchoring prohibited symbol [N20] (27(513)01 Norrkoping)
41060	3Ed. 9/5/98 LAST NM 34/02 Delete RC at light (34(546)03 St. Petersburg)	52/03 70°07.4'N 170°32.9'E	44179 2Ed. 5/25/96 LAST NM 51/03 Delete Buoy Buoy (24(1226)03 Norrkoping)
41100	2Ed. 5/27/78 LAST NM N46/03 Add Dashed line (recommended track) [M4] and legend "143°-323°" between (44(6869)99 St. Petersburg)	N52/03 70°42.6'N 160°35.0'E 70°39.0'N 160°43.2'E	44181 5Ed. 4/6/96 LAST NM 48/03 Delete Buoy (24(1225)03 Norrkoping)
42301	3Ed. 4/11/98 LAST NM 38/03 Change Height of range light, front to 17m (BA LL)	52/03 69°42.9'N 60°00.4'E	44184 9Ed. 5/11/96 LAST NM 48/03 Delete Buoy (24(1224)03 Norrkoping)
42760	5Ed. 8/19/95 LAST NM 47/03 Delete Wreck (37(5956)03 St. Petersburg)	52/03 69°28.1'N 33°05.6'E	44187 2Ed. 2/3/96 LAST NM 50/03 Relocate Buoy from 59°42'30"N 19°02'49"E to 59°42'33"N 19°02'52"E
42762	3Ed. 10/16/93 LAST NM N47/03 Delete Wreck (PA) (37(5956)03 St. Petersburg)	N52/03 69°28'03"N 33°05'20"E	Add Dangerous submerged rock [K13] 59°41'58"N 19°16'49"E (33(603)01, 37(1376)03 Norrkoping)
43360	21Ed. 1/4/97 LAST NM 43/03 Add Submarine cable [L30.1] joining	52/03 57°30.9'N 11°30.4'E 57°29.0'N 11°43.0'E 57°28.6'N 11°44.6'E 57°28.0'N 11°46.0'E 57°28.0'N 11°46.4'E 57°28.2'N 11°48.6'E 57°28.2'N 11°53.2'E 57°27.4'N 11°55.0'E	
43373	8Ed. 6/22/96 LAST NM 50/03 Add Dangerous submerged rock [K13] (35(474)02 Norrkoping)	52/03 58°57'11"N 11°06'03"E	
44036	5Ed. 8/31/96 LAST NM 32/03 Add Submarine cable [L30.1] joining	52/03 57°18'05"N 10°32'04"E 57°18'15"N 10°33'41"E 57°19'44"N 10°37'24"E 57°26'45"N 10°57'35"E 57°29'05"N 11°16'22"E 57°29'21"N 11°17'53"E	

SECTION I

NM 52/03

44203	1Ed. 2/6/93 LAST NM 25/03	52/03			
Add	Dangerous submerged rock [K13]	60°16'31"N 18°41'35"E	Buoy R, can, Fl R 3s	60°36'41.9"N 28°32'16.3"E	
	Dangerous submerged rock [K13]	60°09'35"N 18°30'39"E	Buoy G, pillar, Fl G 3s	60°36'35.2"N 28°32'30.0"E	
	Dangerous submerged rock [K13]	60°09'33"N 18°30'29"E	Buoy R, can, Fl R 3s	60°36'41.0"N 28°32'53.4"E	
	Dangerous submerged rock [K13]	60°11'18"N 18°38'20"E	Buoy G, pillar, Fl G 3s	60°36'37.5"N 28°32'55.2"E	
	Dangerous submerged rock [K13]	60°17'39"N 18°39'19"E	(41(6306)99, 30(4809)03 St. Petersburg)		
	(33(439, 440, 442)02, 24(1214)03 Norrkoping)				
44221	1Ed. 8/12/89 LAST NM 21/03	52/03			
	(Panel B)				
Add	Anchoring prohibited symbol [N20]	63°00'08"N 17°46'47"E			
	(Plan A)				
Add	Depth 2.8 meters	62°38'05.4"N 17°56'28.2"E			
	(27(517)01, 33(441)02 Norrkoping; Swd CH 523)				
44260	7Ed. 7/27/96 LAST NM 48/03	52/03			
Add	Swept depth 12.8 meters [I24]	64°40.2'N 21°16.7'E			
	(25(344)02 Norrkoping)				
44340	11Ed. 8/10/96 LAST NM 50/03	52/03			
Substitute	Depth 15.5 meters for 15 meters	59°52.9'N 24°10.3'E			
Add	Dangerous submerged rock [K13]	59°59.4'N 24°33.4'E			
	(27(575)02, 6-7(120)03 Helsinki)				
44341	7Ed. 10/17/98 LAST NM 26/03	52/03			
Add	Buoy YB, spar, double cone topmark	60°13'04"N 25°11'20"E			
	points downward				
	(27(577)02 Helsinki)				
44342	8Ed. 4/27/96 LAST NM 6/03	52/03			
Substitute	Range beacon, front for range light, front	60°11'24.6"N 25°01'38.4"E			
	Range beacon, rear for range light, rear	60°11'26.4"N 25°01'39.0"E			
Change	Legend "8m" to "6.9m"	60°10'56.0"N 25°01'18.5"E			
	(2(23)03 Helsinki)				
44360	9Ed. 10/12/96 LAST NM 44/03	52/03			
Delete	Buoy	60°06.4'N 27°55.4'E			
	Buoy	60°12.1'N 27°38.4'E			
	Buoy	60°06.1'N 27°13.1'E			
	Buoy	60°07.1'N 27°12.8'E			
	(41(6312)99 St. Petersburg)				
44361	6Ed. 7/13/96 LAST NM 35/03	52/03			
	(Plan)				
Delete	Buoy	59°52'52.5"N 30°13'21.0"E			
Add	Depth 0.3 meter Rk [K14.2]	59°55'05.9"N 30°14'33.1"E			
	Stranded wreck [K24]	59°52'56.4"N 30°13'18.6"E			
	Buoy YBY, pillar, Q(9) 15s	59°53'04.1"N 30°11'04.1"E			
	Buoy YBY, spar, double cone topmark	59°52'42.5"N 30°13'00.9"E			
	points together				
	(44(6898)99 St. Petersburg)				
44365	1Ed. 8/3/91 LAST NM 43/03	52/03			
Delete	Range beacons (2), range line and legend				
	"Bns in line 342°36'" between	60°42'04.0"N 28°39'50.0"E			
		60°41'29.0"N 28°40'10.0"E			
	Range beacons (2), range line and legend				
	"Bns in line 221°24'" between	60°41'32.0"N 28°39'21.0"E			
		60°42'47.5"N 28°41'39.0"E			
	Range beacons (2), range line and legend				
	"Bns in line 342°36'" between	60°42'04.0"N 28°39'50.0"E			
		60°41'29.0"N 28°40'10.0"E			
	Buoy	60°38'07.0"N 28°37'45.0"E			
	Buoy	60°37'37.0"N 28°38'25.0"E			
	Buoy	60°37'26.0"N 28°38'00.0"E			
Add	Buoy G, pillar, Fl G 3s	60°36'10.0"N 28°30'27.7"E			
	Buoy R, can, Fl R 3s	60°36'10.0"N 28°30'15.2"E			
	Buoy G, pillar, Fl G 3s	60°36'30.0"N 28°30'41.2"E			
	Buoy R, can, Fl R 3s	60°36'34.0"N 28°30'32.2"E			
	Buoy G, pillar, Fl G 3s	60°36'45.0"N 28°31'47.2"E			
	Buoy R, can, Fl R 3s	60°36'52.0"N 28°31'48.2"E			
	(5(1)01, 16(1)03 Bizerte)				
52161	14Ed. 1/7/95 LAST NM 14/03	52/03			
Add	Buoy "1" Y, pillar, "X" topmark, Fl Y 10s	34°46'21"N 10°54'34"E			
	Buoy "2" Y, pillar, "X" topmark, Fl(2+1) Y 20s	34°46'24"N 10°54'46"E			
	(5(1)02 Bizerte)				
52170	3Ed. 7/8/95 LAST NM 42/03	52/03			
Add	Pilot station symbol [T1.1]	34°37.0'N 12°25.3'E			
	Anchorage symbol (large vessels) [N10]	34°37.0'N 12°26.5'E			
	(4(424)03 Taunton)				
52172	2Ed. 8/12/95 LAST NM 1/03	52/03			
Add	Dangerous wreck [K28] (PA)	35°45'05"N 10°55'02"E			
	(17(2)02 Bizerte)				
52183	9Ed. 4/17/99 LAST NM 35/01	52/03			
	(Panel A)				
Add	Buoy R, pillar, Fl R 3s	37°10'11.4"N 9°48'25.8"E			
	Buoy (mooring) [Q40]	37°10'30.0"N 9°48'33.0"E			
	(19(1)02, 16(1)03 Bizerte)				
55001	(INT 310) 4Ed. 1/21/95 LAST NM 44/03	52/03			
Delete	R Bn at light	45°00.5'N 35°25.5'E			
	R Bn at light	45°03.8'N 36°22.4'E			
	(26(4128, 4129)03 St. Petersburg)				

SECTION I

55040	4Ed. 7/31/99 LAST NM 50/03 Change Light to Fl 10s 12M	52/03 40°25.2'N 29°05.7'E	55190	2Ed. 10/5/96 LAST NM 40/03 Add Anchorage area [N12.2] bound by dashed line joining	52/03 46°44.8'N 38°14.4'E 46°45.5'N 38°13.4'E 46°44.9'N 38°14.5'E 46°44.6'N 38°13.5'E (26(4132)03 St. Petersburg)
55043	2Ed. 10/19/96 LAST NM 37/03 (Plan D) Change Light to Fl 10s 14m 12M (21(99)03 Istanbul; BA LL)	52/03 40°25'09"N 29°05'42"E	55200	2Ed. 8/17/96 LAST NM 50/03 Delete R Bn at light Fish haven area vicinity Depth 5 meters Obstn (See 45/03-55200)	52/03 45°03.8'N 36°22.4'E 45°04.5'N 36°27.5'E 45°04.9'N 36°56.4'E Add Buoy Y, pillar, "X" topmark Fish haven area with blue tint [K46] bound by shore and dotted line (limiting danger line) joining
55044	5Ed. 3/23/96 LAST NM 42/03 Add Racon [S3.1] at light (27(121)03 Istanbul)	52/03 40°38'42"N 27°29'09"E			45°06.8'N 36°26.5'E 45°06.8'N 36°29.4'E 45°02.4'N 36°28.7'E 45°02.4'N 36°25.7'E 45°04.9'N 36°25.7'E (42(6573)99, 26(4129, 4130), 34(5530)03 St. Petersburg)
55045	2Ed. 5/17/86 LAST NM 39/03 Add Racon [S3.1] at light (27(121)03 Istanbul)	52/03 40°38'42"N 27°29'09"E	56011	1Ed. 8/3/91 LAST NM 50/03 Add Wreck [K29] Dangerous wreck [K28] (2(1), 4(1)03 Bizerte)	52/03 33°59.4'N 11°42.1'E 34°01.0'N 10°48.0'E
55102	3Ed. 8/10/96 LAST NM 50/03 Relocate Buoy "6" from 46°35'38"N 31°28'51"E to 46°35'41"N 31°28'43"E Buoy from 46°35'27"N 31°35'27"E to 46°35'27"N 31°35'33"E (42(6568)99 St. Petersburg)	52/03 46°35'41"N 31°28'43"E 46°35'27"N 31°35'33"E	57170	1Ed. 9/16/89 LAST NM 43/02 Relocate Anchorage symbol from 1°38.4'N 9°33.5'E to 1°38.3'N 9°34.7'E	52/03
55103	2Ed. 4/6/96 LAST NM 50/03 Delete Double solid line and land tint in vicinity	52/03 44°36'22.1"N 33°29'59.0"E		Change Characteristic of light to Q(3) 6s Visibility (range) of light to 14M Visibility (range) of light to 11/7M	1°34.8'N 9°36.3'E 2°56.5'N 9°54.1'E 1°49.6'N 9°44.2'E
	Buoy (mooring) (Supersedes 25/03-55103)	44°37'31.5"N 33°33'03.5"E		Add Anchorage symbol (BA CH 1322; BA LL)	1°35.7'N 9°35.3'E
	Relocate Buoy (mooring) from 44°37'22.4"N 33°31'47.8"E to 44°37'23.7"N 33°31'51.6"E (See 1/03-55103)	44°37'22.4"N 33°31'47.8"E	57200	6Ed. 4/3/99 LAST NM 11/03 Add Depth 24 meters Wks [K26] (BA CH 1322)	52/03 0°40.7'S 8°47.4'E
	Add Buoy (mooring) [Q40] Buoy (mooring) [Q40] Buoy (mooring) [Q40]	44°37'07.9"N 33°32'50.9"E 44°37'13.2"N 33°32'05.9"E 44°36'29.8"N 33°31'44.5"E			
	(34(5523-5525), 35(5689)03 St. Petersburg)		57201	5Ed. 1/30/99 LAST NM 37/01 Add Depth 24 meters Wk [K26] Depth 24.5 meters Wk [K26] Depth 25 meters Wk [K26] Depth 25.5 meters Wk [K26] Light flare symbol to platform Light flare symbol to platform Legend "Numerous Obstructions"	52/03 0°40'52.0"S 8°47'29.5"E 0°40'40.0"S 8°47'23.5"E 0°39'38.5"S 8°48'32.0"E 0°39'08.5"S 8°48'51.0"E 0°41'59.0"S 8°47'33.0"E 0°40'31.2"S 8°50'51.6"E 0°40'12.0"S 8°49'48.0"E
55104	2Ed. 4/20/96 LAST NM 46/03 Substitute Depth 37 meters Wk for wreck (35(5687)03 St. Petersburg)	52/03 44°47'37"N 33°29'04"E		"ANCHORING AND FISHING PROHIBITED" area bound by purple composite line joining	0°39'14.0"S 8°49'05.5"E 0°39'11.0"S 8°50'27.0"E 0°39'21.5"S 8°51'41.5"E 0°41'41.0"S 8°50'00.5"E 0°41'32.5"S 8°48'45.0"E 0°40'06.0"S 8°47'54.0"E (BA CH 1322)
55105	7Ed. 2/6/99 LAST NM 48/03 Delete R Bn at light R Bn at light (26(4128, 4129)03 St. Petersburg)	52/03 45°00.5'N 35°25.5'E 45°03.8'N 36°22.4'E	62412	12Ed. 4/15/95 LAST NM 6/01 Add Dangerous wreck [K28] (63/03 Manama)	52/03 26°27'10.2"N 50°47'34.8"E
55138	4Ed. 8/31/96 LAST NM 46/01 Add Buoy (mooring) [Q40] (45(7123)99 St. Petersburg)	52/03 42°09'17"N 41°36'31"E	62413	12Ed. 3/22/03 LAST NM 50/03 Delete Light Light (62/03 Manama)	52/03 26°11'49.2"N 50°37'18.0"E 26°11'48.3"N 50°37'17.4"E
55140	2Ed. 9/28/96 LAST NM 47/03 Delete R Bn at light	52/03 45°00.8'N 35°25.5'E	62420	5Ed. 5/4/96 LAST NM 8/03 Add Dangerous wreck [K28] (63/03 Manama)	52/03 26°27'10"N 50°47'35"E
	Substitute Beacon R with legend "(97)" for light	44°35.7'N 34°22.2'E	62453	4Ed. 3/22/03 LAST NM 50/03 Delete Light Light (continued on next page)	52/03 26°11'49.2"N 50°37'18.0"E 26°11'48.3"N 50°37'17.4"E
55180	2Ed. 10/12/96 LAST NM 47/03 Delete R Bn at light R Bn at light Fish haven area vicinity (See 45/03-55180)	52/03 45°00.8'N 35°25.5'E 45°03.8'N 36°22.4'E 45°04.5'N 36°27.5'E			
	Add Fish haven area with blue tint [K46] bound by shore and dotted line (limiting danger line) joining	45°06.8'N 36°26.5'E 45°06.8'N 36°29.4'E 45°02.4'N 36°28.7'E 45°02.4'N 36°25.7'E 45°04.9'N 36°25.7'E			
	Buoy Y, pillar, "X" topmark (26(4128-4130), 37(5993)03 St. Petersburg)	44°55.1'N 35°15.3'E			

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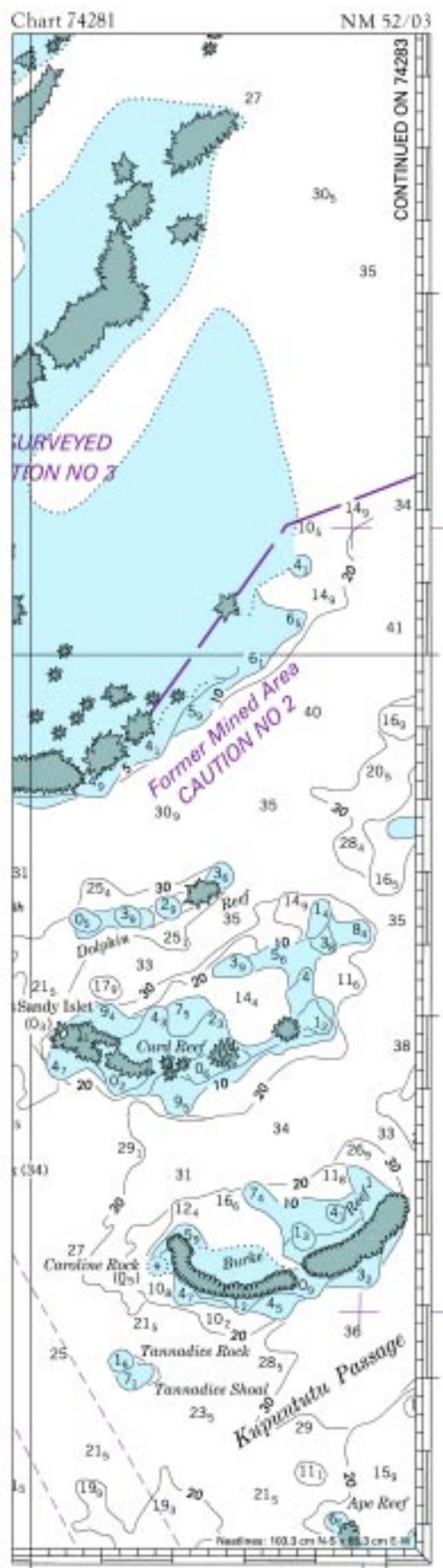
NM 52/03

62453	(Continued) (Plan) Delete Light Light (62/03 Manama)	26°11'49.2"N 50°37'18.0"E 26°11'48.3"N 50°37'17.4"E	76061	3Ed. 8/22/98 LAST NM 9/03 Add Submarine cable [L30.1] joining	52/03 39°03'03"S 174°05'17"E 39°01'41"S 174°03'58"E 39°00'20"S 174°02'06"E 38°58'03"S 173°59'54"E 38°44'00"S 174°08'50"E	
62530	6Ed. 3/8/03 LAST NM 32/03 Add Dangerous wreck [K28] (63/03 Manama)	26°27.2'N 50°47.6"E	76061	3Ed. 8/22/98 LAST NM 9/03 Add Submarine cable [L30.1] joining	52/03 39°03'03"S 174°05'16.8"E 39°02'52.8"S 174°05'14.4"E 39°02'39.0"S 174°04'51.6"E 39°01'51.0"S 174°04'10.2"E 39°01'22.2"S 174°03'22.2"E 39°00'56.0"S 174°02'44.0"E	
62531	4Ed. 3/8/03 LAST NM N32/03 Add Dangerous wreck [K28] (63/03 Manama)	26°27.2'N 50°47.6"E			(21(143)03 Wellington)	
62550	3Ed. 2/22/03 LAST NM 32/03 Add Dangerous wreck [K28] (63/03 Manama)	26°27'10"N 50°47'35"E	76141	8Ed. 1/18/92 LAST NM 45/03 (Panel A) Change Period of beacon "32" to 4s Period of beacon "2a" to 4s	52/03 45°49'15.0"S 170°37'56.0"E 45°49'50.1"S 170°37'28.6"E	
★63040	2Ed. 12/15/01 LAST NM 46/02 Add Purple dashed-line circle "Unexploded Ordnance" (PA) (NTM0035/2003)	24°58.3'N 63°29.5"E		Add Light Fl(2) Y 4s to range beacon, front Light QY to range beacon, rear	45°49'23.2"S 170°37'56.2"E 45°49'18.1"S 170°38'03.3"E	
74281	7Ed. 7/5/97 LAST NM 30/03 Add Chartlet, depicting changes in hydrography, from Subsection I-2	12°32'00"S 143°30'45"E (6193)03 Wollongong)		(See 28/03-76141) (21(144)03 Wellington)		
74283	2Ed. 11/15/97 LAST NM 27/03 Add Chartlet A, depicting changes in hydrography, from Subsection I-2	12°32'10"S 143°33'54"E Chartlet B, depicting changes in hydrography, from Subsection I-2		76170	7Ed. 10/26/96 LAST NM 28/03 Add Buoy Y, spherical, "X" topmark, Fl(5) Y 20s [Q130.6]	52/03 37°41'46"S 176°36'58"E
		12°32'10"S 143°45'00"E (6193)03 Wollongong)			(21(142)03 Wellington)	
74292	8Ed. 8/29/98 LAST NM 27/03 Add Chartlet, depicting changes in hydrography, from Subsection I-2	10°33.60"S 141°53.40"E (7231)03 Wollongong)	★81048	9Ed. 10/03 NEW EDITION (NOS)	52/03	
74296	4Ed. 4/17/99 LAST NM 27/03 Add Chartlet, depicting changes in hydrography, from Subsection I-2	10°33'36"S 141°53'48"E (7231)03 Wollongong)	★81054	14Ed. 10/03 NEW EDITION (NOS)	52/03	
76015	1Ed. 4/24/93 LAST NM 45/03 Add Submarine cable [L30.1] joining	39°05.0'S 174°05.3"E 38°58.3'S 173°59.9"E 37°51.0'S 174°42.0"E 37°47.4'S 174°46.8"E 37°49.1'S 174°49.7"E (21(143)03 Wellington)	93710	3Ed. 3/30/96 LAST NM 43/03 Add Dangerous wreck [K28] (PA) Dangerous wreck [K28] (PA)	52/03 20°29'13"N 110°33'18"E 21°12'10"N 110°39'13"E (38(821), 40(871)03 Tianjin)	
76030	9Ed. 5/15/99 LAST NM 49/02 Add Submarine cable [L30.1] joining	37°49'S 174°50"E 37°47'S 174°47"E 37°51'S 174°42"E 38°00'S 174°36"E (21(143)03 Wellington)	93721	5Ed. 6/5/99 LAST NM 50/03 Delete Depth 10.3 meters Depth 10.3 meters	52/03 22°09'34"N 113°53'14"E 22°09'48"N 113°52'39"E	
				Substitute Depth 6.6 meters for 8.2 meters	22°09'47"N 113°53'34"E	
				Add Dangerous wreck [K28] (PA)	22°27'40"N 113°45'12"E	
				Depth 6.3 meters	22°09'06"N 114°01'26"E	
				Depth 9.3 meters	22°09'06"N 114°01'46"E	
				Depth 9 meters enclosed by depth contour (10-meter)	22°09'34"N 113°53'07"E	
				Depth 9.2 meters enclosed by depth contour (10-meter)	22°09'50"N 113°52'35"E (38(819), 39(841, 844)03 Tianjin)	
76050	8Ed. 8/10/96 LAST NM 28/03 Change Characteristic of light to Fl(3) 6s (21(141)03 Wellington)	36°19.1'S 175°28.8"E	93733	13Ed. 6/28/97 LAST NM 48/03 Add Depth 6.3 meters Depth 9.3 meters	52/03 22°09'06"N 114°01'26"E 22°09'06"N 114°01'46"E (39(844)03 Tianjin)	
76054	5Ed. 1/19/85 LAST NM 49/02 Add Buoy Y, spherical, "X" topmark, Fl(5) Y 20s [Q130.6]	37°41'46"S 176°36'58"E (21(142)03 Wellington)	94028	7Ed. 9/16/95 LAST NM 51/03 Delete Dangerous wreck Dangerous wreck Dangerous wreck	52/03 35°58.9"N 126°22.2"E 35°59.0"N 126°20.4"E 36°02.3"N 126°13.5"E	
				Add Dangerous wreck [K28]	35°27.2"N 122°49.0"E	
				Dangerous wreck [K28]	34°54.7"N 129°00.2"E (41(873)03 Tianjin; 46(842, 849)03 Inchon)	
76060	7Ed. 8/10/96 LAST NM 40/02 Add Submarine cable [L30.1] joining	39°03'03"S 174°05'17"E 38°58'03"S 173°59'54"E 37°51'00"S 174°42'00"E 37°47'23"S 174°46'49"E 37°49'09"S 174°49'40"E (21(143)03 Wellington)	94061	5Ed. 4/27/96 LAST NM 42/03 Add Dangerous wreck [K28] (PA)	52/03 24°11'10"N 118°05'01"E (40(869)03 Tianjin)	

95080	13Ed. 6/24/95 LAST NM 48/03 Delete Dangerous wreck Dangerous wreck Dangerous wreck (46(849)03 Inchon)	52/03 35°58'54"N 126°22'12"E 35°59'03"N 126°20'23"E 36°02'17"N 126°13'32"E	Depth 2.1 meters Depth 11.1 meters Depth 9.7 meters and enclosing depth contour (10-meter) Depth 8.6 meters enclosed by depth contour (10-meter) Depth 8.6 meters enclosed by depth contour (10-meter) Depth 2.8 meters, blue tint and enclosing depth contour (5-meter) (See 17/03-97251) (42(1592)03 Tokyo)	33°56'48.5"N 131°13'26.2"E 33°56'32.6"N 131°14'02.8"E 33°56'12.8"N 131°13'52.2"E 33°56'40.8"N 131°14'04.7"E 33°56'45.0"N 131°14'04.1"E 33°56'43.1"N 131°13'28.5"E
95082	9Ed. 5/28/94 LAST NM 30/03 Delete Dangerous wreck Dangerous wreck Dangerous wreck (46(849)03 Inchon)	52/03 35°58'54"N 126°22'12"E 35°59'03"N 126°20'23"E 36°02'17"N 126°13'32"E		
95140	15Ed. 10/7/95 LAST NM 51/03 Add Dangerous wreck [K28] (46(842)03 Inchon)	52/03 34°54'41"N 129°00'12"E		
95149	9Ed. 6/12/99 LAST NM 35/03 Add Dangerous wreck [K28] (46(842)03 Inchon)	52/03 34°54'41"N 129°00'12"E		
95270	4Ed. 11/9/91 LAST NM 36/03 Change Visibility (range) of light to 9M (42(1570)03 Tokyo)	52/03 36°58.0'N 137°35.4'E		
95280	9Ed. 7/28/84 LAST NM 26/03 Change Visibility (range) of light to 9M (42(1569)03 Tokyo)	52/03 36°06'40"N 136°03'00"E		
97140	17Ed. 6/28/97 LAST NM 49/03 Change Visibility (range) of light to 5M (42(1574)03 Tokyo)	52/03 35°04.8'N 138°51.1'E		
*97153	8Ed. 10/18/03 NEW EDITION (NGA)	52/03		
97159	6Ed. 8/3/91 LAST NM 46/03 Change Visibility (range) of light to 3M Visibility (range) of light to 5M (42(1573, 1574)03 Tokyo)	52/03 35°02'54"N 138°53'47"E 35°04'48"N 138°51'04"E		
97164	1Ed. 5/18/91 LAST NM 16/03 Change Visibility (range) of light to 3M Light to Iso G 4s 14m 5M (42(1573, 1574)03 Tokyo)	52/03 35°02'54.0"N 138°53'47.0"E 35°04'48.0"N 138°51'03.7"E		
97165	1Ed. 9/14/91 LAST NM 16/03 (Plan B) Change Light to Iso G 4s 14m 5M (42(1574)03 Tokyo)	52/03 35°04'48.0"N 138°51'03.7"E		
97228	15Ed. 1/24/98 LAST NM 49/03 Relocate Beacon "A" from 34°38'19.7"N 135°23'46.9"E to 34°38'18.3"N 135°23'47.7"E Beacon "B" from 34°38'22.8"N 135°23'54.7"E to 34°38'21.4"N 135°23'55.4"E (See 6, 15/03-97228)	52/03 34°38'18.3"N 135°23'47.7"E 34°38'21.4"N 135°23'55.4"E		
Add	"Entry Prohibited" [N31] area bound by purple composite line joining 34°38'16.5"N 135°23'54.5"E 34°38'18.5"N 135°23'51.8"E 34°38'19.7"N 135°23'50.2"E 34°38'20.2"N 135°23'52.5"E 34°38'17.6"N 135°23'54.8"E (42(1576)03 Tokyo)	34°38'16.5"N 135°23'54.5"E 34°38'18.5"N 135°23'51.8"E 34°38'19.7"N 135°23'50.2"E 34°38'20.2"N 135°23'52.5"E 34°38'17.6"N 135°23'54.8"E		
*97235	2Ed. 10/4/03 NEW EDITION (NGA)	52/03		
97251	4Ed. 2/14/98 LAST NM 36/03 Add Legend "Lesser depths reported (2003)" between 33°56'17.1"N 131°14'09.4"E 33°56'40.8"N 131°14'21.7"E Depth 11.4 meters	52/03 33°56'17.1"N 131°14'09.4"E 33°56'40.8"N 131°14'21.7"E 33°56'28.3"N 131°13'59.3"E		

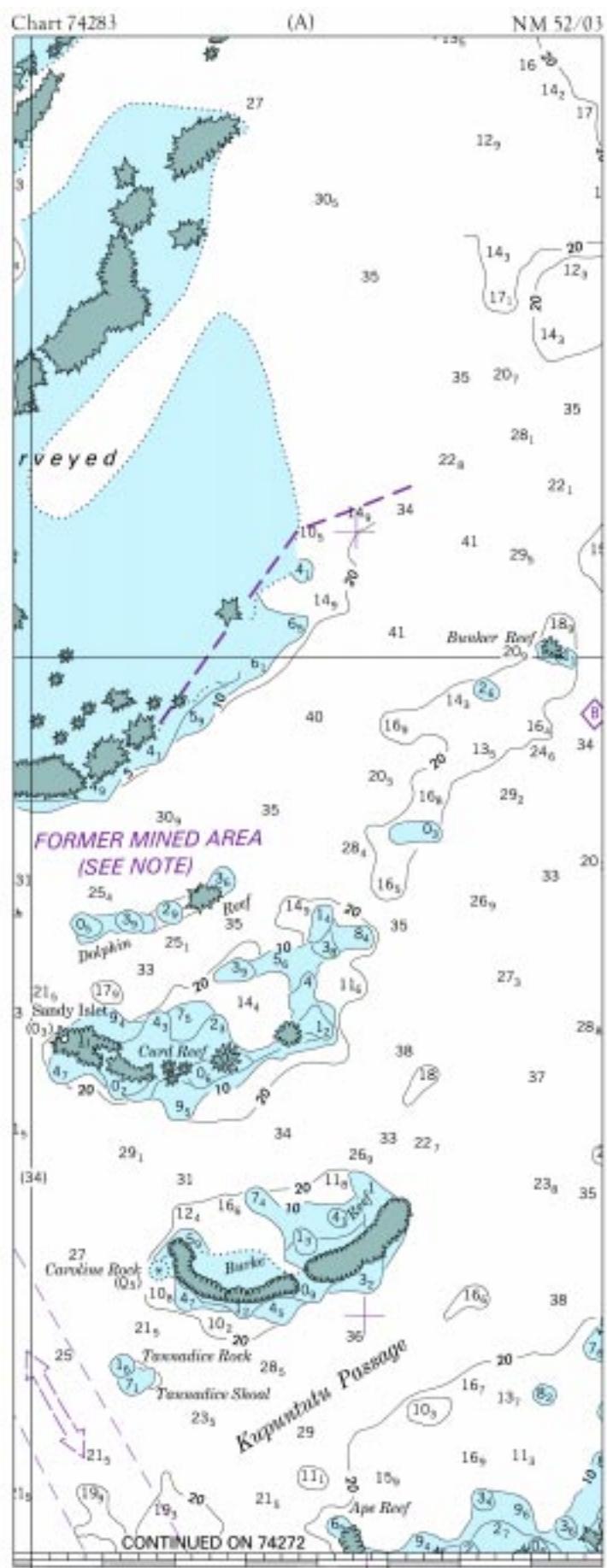
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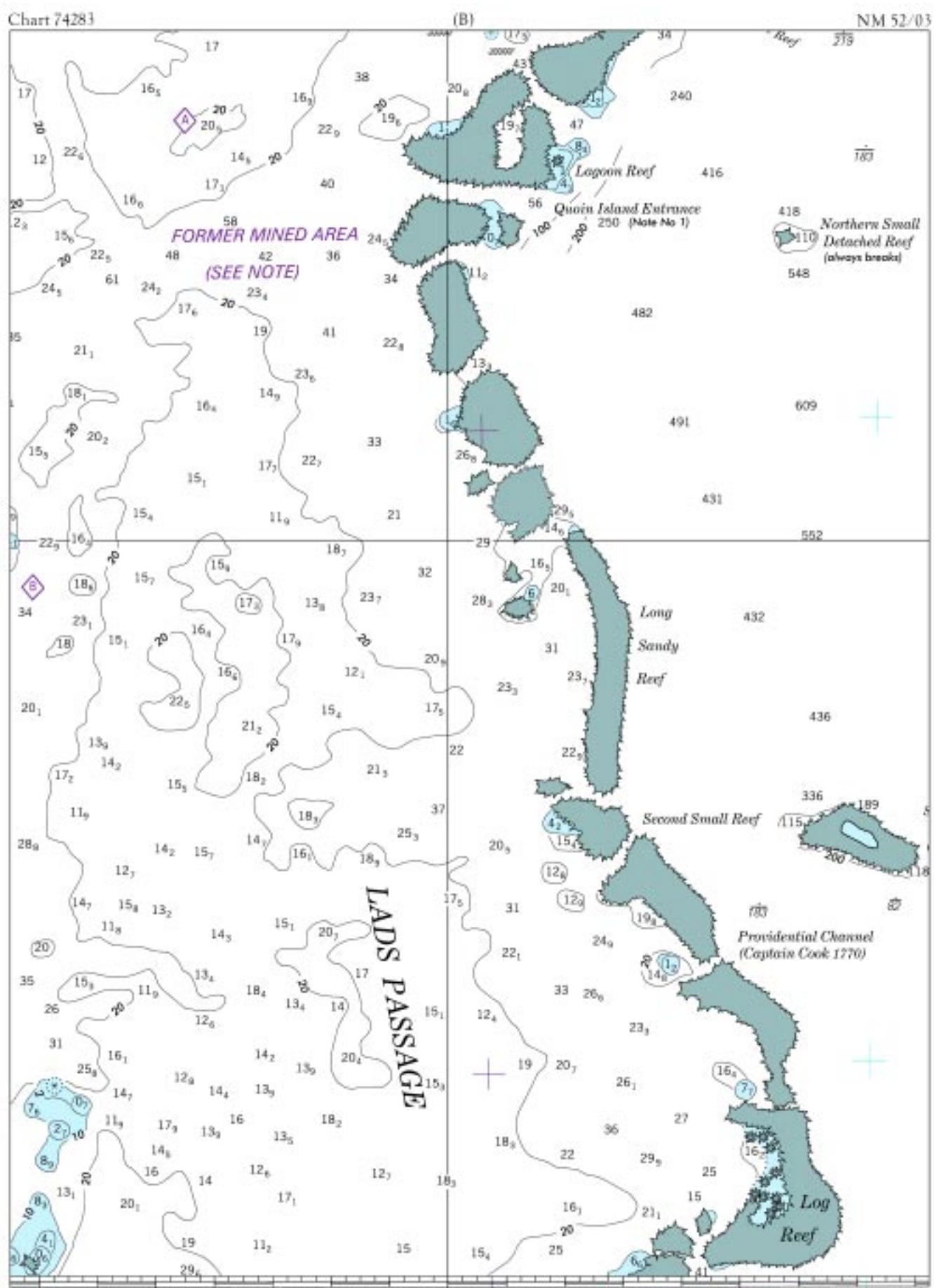
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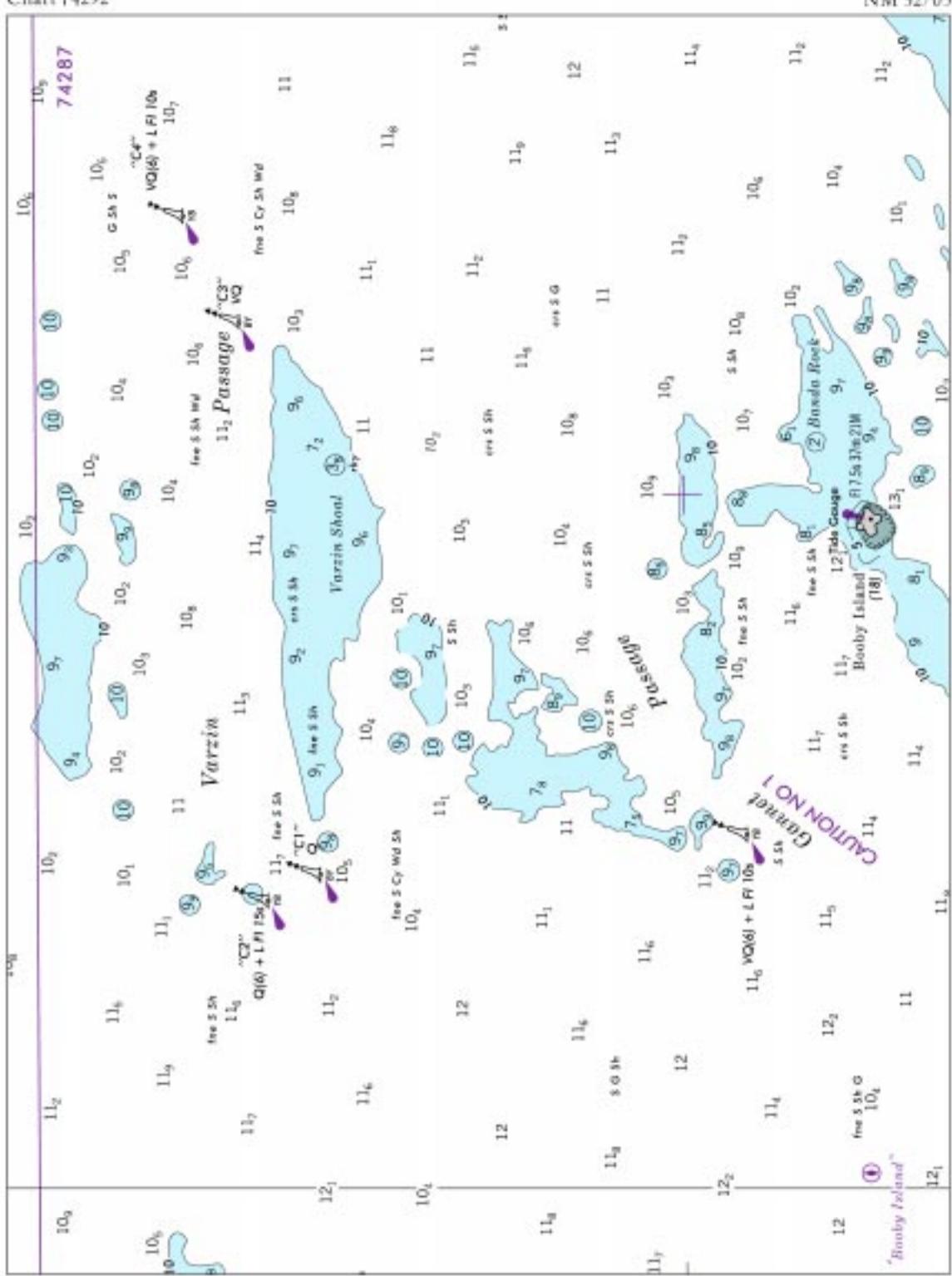
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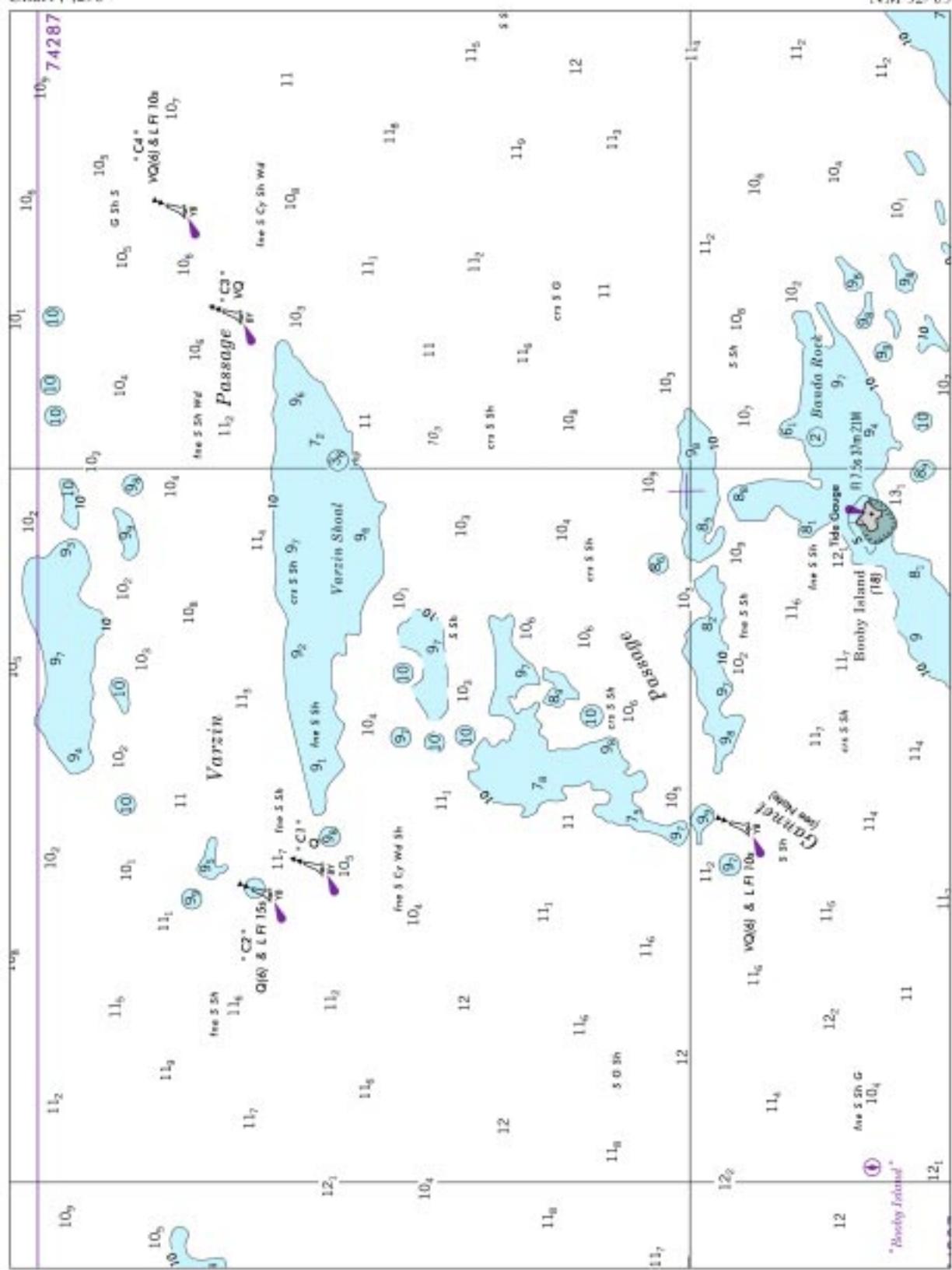
Chart 74292



SECTION I

NM 52/03

Chart 74296



SECTION I

Chart 11378 (Side A)

NM 52/03

PENSACOLA HARBOR ENTRANCE CHANNEL						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
CAUCUS CHANNEL BARRANCAS RANGE PICKENS CHANNEL	41.9 45.9 45.9	41.3 46.3 46.0	41.9 48.5 46.4	39.5 47.6 46.3	11-02 11-02 11-02	A500 3.0 A35 A500 0.77 A35 A500 0.84 A35
A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 11382

NM 52/03

PENSACOLA HARBOR ENTRANCE CHANNEL						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
CAUCUS CHANNEL	41.9	41.3	41.9	39.5	11-02	A500 3.0 A35
A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 11506

NM 52/03

BRUNSWICK HARBOR CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET)
BAR CHANNEL (ST SIMON RANGE)	32.0	34.0	A31.0	10-03	500	7.7 32
PLANTATION CREEK RANGE	38.0	40.0	39.0	10-03	400	1.8 32
JEKYLL ISLAND RANGE	30.0	32.0	31.0	10-03	400	1.9 30
CEDAR HAMMOCK RANGE	30.0	30.0	27.5	10-03	400	1.4 30
BRUNSWICK PT CUT RANGE	27.5	29.0	29.0	10-03	400	2.4 30
EAST RIVER						
LOWER REACH	B31.0	31.0	25.0	10-03	400	1.1 30
UPPER REACH	26.5	27.0	28.0	10-03	350	1.0 27
EAST RIVER TURNING BASIN	28.0	27.0	27.0	10-03	750	0.2 30
TURTLE RIVER LOWER RANGE	34.0	30.5	30.0	10-03	300	1.7 30
BLYTHE ISLAND RANGE	31.0	26.0	26.0	10-03	300	1.5 30
TURTLE RIVER UPPER RANGE	26.0	28.0	26.0	10-03	300	1.7 30
SOUTH BRUNSWICK RIVER	30.5	31.0	32.0	10-03	400	1.3 30
A. OBSTRUCTION REPORTED WITH A DEPTH OF 29 FEET, LOCATED AT 31°04'06.6"N; 081°16'35.7"W. B. THE EAST RIVER, LOWER REACH WIDENER LEAST DEPTHS WERE 31.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT, AND 30.0 FEET, LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE. NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN) NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

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NM 52/03

Chart 18502

NM 52/03

GRAYS HARBOR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003 AND SURVEYS TO MAR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
BAR CHANNEL	46.1	46.7	46.4	6-02	1000	4.6 46
ENTRANCE CHANNEL	30.7	36.6	37.7	10-02; 2-03	900-600	1.8 42
PT CHEHALIS REACH	33.3	36.3	35.1	2-03	600	1.2 40
SOUTH REACH	33.7	36.8	33.7	3-03	600-350	4.1 36
CROSSOVER CHANNEL	30.1	34.6	32.0	11-02; 3-03	350-450	2.5 36
NORTH CHANNEL	37.1	36.6	37.1	5-02; 1-03	450-350	2.4 36
HOQUIAM REACH	37.5	36.6	37.0	1-03	350	1.9 36
COW POINT REACH	35.4	35.7	33.7	12-02; 1-03; 2-03	350-900	1.8 36
ABERDEEN REACH	27.8	29.8	29.0	10-01; 2-02; 2-03	550-200	2.6 30
TURNING BASIN	32.5	32.4	24.5	1-02	200-550	3 30
THENCE TO COSMOPOLIS	26.5	26.9	27.7	1-02; 2-03	200	.8 30

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18521

NM 52/03

COLUMBIA RIVER CHANNEL DEPTHS ENTRANCE TO MILLER SANDS RANGE						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOVEMBER 5, 2003					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (STAT. MILES) LENGTH (CRD FEET) DEPTH (FEET)
ENTRANCE RANGE	58	59	54	42	9-03	2640 3.3 48
SAND ISLAND RANGE (CLATSOP SPIT)	50	55	52	42	9-03	2640 2.2 48
LOWER DESDEMONA SHOAL	46	47	43	39	9-03	600 3.4 40
UPPER DESDEMONA SHOAL	44	43	46	45	10-03	600 3.6 40
TANSY POINT TURN AND RANGE	40	42	41	38	10-03	600 4.8 40
ASTORIA RANGE	42	43	44	43	10-03	600 2.7 40
TONGUE POINT CHANNEL	40	43	42	43	10-03	600 2.2 40
HARRINGTON POINT RANGE	39	41	42	38	10-03	600 2.6 40
MILLER SANDS RANGE	43	43	41	39	10-03	600 2.2 40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
* CONTROLLING DEPTHS IN CHANNELS ENTERING FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER FROM THE ENTRANCE TO HARRINGTON POINT AND COLUMBIA RIVER DATUM ABOVE THAT POINT. PROJECT LENGTHS ARE IN STATUTE MILES.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 52/03

Chart 18523

NM 52/03

COLUMBIA RIVER CHANNEL DEPTHS MILLER SANDS RANGE TO GULL ISLAND TURN AND CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOVEMBER 5, 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (STAT. MILES) DEPTH (CRD FEET)
MILLER SANDS RANGE	43	43	41	39	10-03	600 2.2 40
PILLAR ROCK LOWER RANGE	38	41	41	37	10-03	600 3.0 40
PILLAR ROCK UPPER RANGE	37	41	41	39	10-03	600 1.9 40
WELCH ISLAND REACH	43	43	45	38	10-03	600 3.2 40
SKAMOKAWA CHANNEL	29	42	45	37	10-03	600 3.3 40
STEAMBOAT REACH	49	48	45	42	9,10-03	600 1.4 40
PUGET ISLAND RANGE AND TURN	40	40	40	37	9-03	600 3.5 40
WAUNA RANGE	38	42	42	44	10-03	600 2.2 40
DRISCOLL RANGE	39	41	42	41	10-03	600 1.7 40
WESTPORT TURN AND RANGE	36	40	42	42	10-03	600 2.0 40
WESTPORT CHANNEL	40	43	42	41	8,10-03	600 2.4 40
EUREKA LOWER CHANNEL	42	43	43	43	8-03	600 2.1 40
EUREKA UPPER CHANNEL	42	42	42	41	8-03	600 0.8 40
OAK POINT CHANNEL	46	46	44	39	10-03	600 2.4 40
GULL I TURN AND CHANNEL	45	44	41	38	9,10-03	600 2.2 40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES TO THE ABOVE INFORMATION

Chart 18524 (Left Panel)

NM 52/03

COLUMBIA RIVER CHANNEL DEPTHS GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOVEMBER 5, 2003						
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (STAT. MILES) DEPTH (CRD FEET)
GULL I TURN AND CHANNEL	45	44	41	38	9,10-03	600 2.2 40
STELLA RANGE	37	40	39	36	9-03	600 2.8 40
FISHER I CHANNEL	40	44	42	42	10-03	600 0.9 40
WALKER I CHANNEL	37	41	41	39	10-03	600 1.5 40
BARLOW PT. CHANNEL	44	44	44	40	10-03	600 1.3 40
SLAUGHTERS CHANNEL	36	38	38	38	6-03	600 2.3 40
SLAUGHTERS TURN AND CHANNEL						
OPPOSITE THE TURNING BASIN	38	39	38	35	6-03	600 1.7 40
COTTONWOOD ISLAND LOWER RANGE	44	45	44	42	10-03	600 1.7 40
COTTONWOOD ISLAND TURN	42	40	39	37	10-03	600 2.7 40
COTTONWOOD ISLAND UPPER RANGE						
KALAMA LOWER RANGE	41	41	41	37	10-03	600 1.6 40
KALAMA UPPER RANGE	41	39	39	35	10-03	600 1.8 40
BYBEE LEDGE CHANNEL	40	41	41	39	10-03	600 2.2 40
MARTIN ISLAND CHANNEL	41	42	43	38	10-03	600 2.1 40
MARTIN ISLAND RANGE	40	41	39	37	10-03	600 2.1 40
COLUMBIA CITY CHANNEL	40	42	43	41	10-03	600 1.4 40
ST. HELENS RANGE	39	41	41	40	10-03	600 1.2 40
ST. HELENS TURN	39	43	41	41	11-03	600 2.0 40
	43	42	42	42	11-03	600 1.7 40

* CONTROLLING DEPTHS ROUNDED TO NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 52/03

Chart 18525

NM 52/03

COLUMBIA RIVER CHANNEL DEPTHS SAINT HELENS TURN TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORTS OF NOVEMBER 5, 2003						
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET)
ST. HELENS TURN	43	42	42	42	11-03	600 1.7 40
WARRIOR ROCK RANGE	40	42	42	40	10-03	600 1.3 40
DUCK CLUB TURN	37	42	43	40	10-03	600 1.4 40
HENRICI RANGE	39	40	38	39	10-03	600 2.6 40
FALES CHANNEL	42	42	39	38	10-03	600 1.1 40
KNAPP POINT CHANNEL	38	40	39	38	10-03	600 1.8 40
WILLOW LOWER RANGE	39	41	41	38	10-03	600 2.1 40
WILLOW UPPER RANGE	41	43	41	44	10-03	600 1.1 40
MORGAN TURN	43	46	49	47	10-03	600 1.0 40
MORGAN CHANNEL	46	44	42	41	10-03	600 1.5 40
VANCOUVER LOWER CHANNEL	47	46	50	50	9-03	500 1.0 40
VANCOUVER RANGE	41	43	42	41	9-03	500 1.3 40
VANCOUVER UPPER CHANNEL	41	43	42	39	9-03	500 0.9 40
VANCOUVER LOWER TURNING BASIN	34	38	41	31	10-03	800 1.0 40
VANCOUVER UPPER TURNING BASIN	32	25	25	22	10-03	800 0.9 35
TOMAHAWK BAR	18	20	20	17	10-01	300 3.7 27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18526

NM 52/03

COLUMBIA RIVER CHANNEL DEPTHS MORGAN CHANNEL TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOVEMBER 5, 2003						
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET)
MORGAN CHANNEL	46	44	42	41	10-03	600 1.5 40
VANCOUVER LOWER CHANNEL	47	46	50	50	9-03	500 1.0 40
VANCOUVER RANGE	41	43	42	41	9-03	500 1.3 40
VANCOUVER UPPER CHANNEL	41	43	42	39	9-03	500 0.9 40
VANCOUVER LOWER TURNING BASIN	34	38	41	31	10-03	800 1.0 40
VANCOUVER UPPER TURNING BASIN	32	25	25	22	10-03	800 0.9 35
TOMAHAWK BAR	18	20	20	17	10-01	300 3.7 27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18584

NM 52/03

UMPQUA RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2002 AND SURVEYS TO SEP 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ENTRANCE CHANNEL TO LT. 21	18	18	18	3, 4, 6-02; 8, 9, 10-02 9-03	200	7.0 26-22
LT. 21 TO REEDSPORT	17	19	17	5-02; 9, 10-02	200	2.7 22
REEDSPORT TURNING BASIN	25	24	24	5-02; 10-02	600	0.2 22
LT. 21 TO GARDINER	12	13	11	10-01	200	1.15 22
GARDINER TURNING BASIN	5	2	2	10-01	500	0.2 22

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 52/03

Chart 18587

NM 52/03

COOS BAY AND Isthmus Slough Channel Depths TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET)
ENTRANCE RANGE	36	37	35	3-5-03	--	1.9 47-37
ENTRANCE RANGE AND TURN	39	45	29	3-03	300-1050	0.5 37
INSIDE RANGE	34	37	36	2-3-03	300	0.6 37
COOS BAY RANGE	34	37	36	2-3-03	300	1.6 37
EMPIRE RANGE	34	37	38	2,3-7-03	300	1.3 37
LOWER JARVIS RANGE	38	37	35	7-03	300	0.8 37
JARVIS TURN	36	35	35	7-03	300	0.5 37
UPPER JARVIS RANGE	32	35	36	2,3-7-03	300-700	1.9 37
NORTH BEND LOWER RANGE	39	38	36	2-3-03	400	0.4 37
NORTH BEND RANGE	33	37	36	10-02-3-03	400	0.9 37
NORTH BEND UPPER RANGE	36	38	37	3-03	400	0.6 37
LOWER TURNING BASIN	37	38	38	3-03	400-900	0.3 37
FERNDALE LOWER RANGE	39	39	39	3-03	400	0.4 37
FERNDALE TURN	37	38	38	3-03	400	0.2 37
FERNDALE UPPER RANGE	35	37	38	3-03	400	0.7 37
MARSHFIELD RANGE	37	37	36	10-02-3-03	400	0.4 37
MARSHFIELD RANGE TO Isthmus Slough	37	37	32	3-03	150-750	0.9 37
Isthmus Slough	19	20	19	4-85	150	2.0 22

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11301	23	37/02;16,24,32/03	11366	8	52/03*	11478	20	32*,50,52/03
20	3	18/03	11302	30	48/03*	11367	32	38*,45,46,51/03	11479	4	N35,N50/02;N6,N23, N25,N31,N34,N40, N52/03
22	1	18/03	11305	1	N36,N46/02;N1,N6,N7, N32/03	11368	22	38/02*;19,12,23,30,33, 34,35,45,46,51,52/03	11480	38	30/03*
50	6	32*,34,40,50/03	11307	36	22,24,27,35,52/03	11369	44	9*,18,19,21,27,43,50/03	11481	4	42*,49/02;6,12,13,19,28, 34,50,52/03
53	2	34,50/03	11308	22	3*,7,10,23,25,32/03	11370	24	38/03*	11484	21	34/03
70	4	7,34/03	11309	37	48*,50/03	11371	36	35*,48/03	11485	33	22/03*
71	4	7,34/03	11310	1	N46/02;N22,N23,N32/03	11372	30	2*,7,8,10,19,23,24,26,27, 31,42,44/03	11486	15	36/03*
72	4	7/03	11311	23	46/02;26/03	11373	43	48*,49/03	11488	24	7,17,50/03
73	4	34/03	11312	3	36,46/02;1,6,7,22,23, 32/03	11374	31	45*,49,50/02;1,2,7,8,9, 19,20,23,24,26,27,29,34, 36,38,51/03	11489	34	8*,12,20,22,31,50,52/03
101	3	48/02	11313	22	22,27,36,52/03	11375	35	1*,2,5,7,9,20,23,24,27, 29,47,51/03	11490	17	50/03
103	5	16/03	11314	22	17*,21,22,32/03	11376	49	48*,49/03	11491	33	34,37,38/02;12,30,34,50, 52/03
108	9	35/02;34,39/03	11315	31	48/03*	11377	5	38*,44/03	11493	9	N39/02;N12,N20,N22, N31/03
120	6	39/03	11316	39	17*,22,26,29,34/03	11378	32	11*,12,18,20,21,22,24, 26,30,38,52/03	11494	8	N39/02;N22/03
124	10	18,34,39/03	11317	29	37,40,49/02;16,19,20,21, 23,26,29,30,34/03	11382	39	46/02*;9,25,26,37,52/03	11496	9	N35/02;N1,N17,N19, N34/03
125	7	21/03	11318	1	N46/02;N6,N24,N25, N44,N50/03	11383	50	52/03*	11502	28	14,17,20,22,50,52/03
126	39	21/03	11319	31	17*,19,20,25,26,29,30, 34/03	11384	33	30/03*	11503	39	38*,39,43/02;12,14,17, 20,22,31,50/03
145	16	39/03	11320	1	N22,N23,N24,N52/03	11385	25	49/03	11504	15	12,22/03
200	3	37/03	11321	29	39,40,41,45/02;23,31, 44/03	11388	16	24,34/03	11505	1	34,40,49/02;1,4,5,11,22, 34,43,51/03
301	1	14,21,24/03	11322	28	19*,20,23,30,34,35,42, 47/03	11389	32	33,37/02;2,7,32,42,51/03	11506	40	10*,19,22,28,34,43,51, 52/03
302	1	2/03	11323	60	47*,49,51/03	11390	22	33,34,37/02;7,21,30,32, 50,51/03	11507	31	9*,12,20/03
310	20	2,14,21,24,52/03	11324	33	47*,49,52/03	11391	22	33,34/02;7,21,32,50/03	11508	21	10/03*
400	3	33,35,45/02;29,33,34/03	11325	35	26*,38,42,47/03	11392	6	34/02;21,32,50/03	11509	27	1,11,24/03
401	5	33,35,45/02;14,29,33,34, 44/03	11326	31	7*,9,16,20,21,22,23,24, 30,31,33,35,38,45,46, 52/03	11393	20	30,35,42/03	11510	18	34/02
411	49	19*,22,23,24,25,26,29, 30,31,33,44,52/03	11327	31	46*,52/03	11400	21	30*,34/03	11511	16	11/03
500	8	32*,34,41/03	11328	23	43*,52/03	11401	21	50/02;9,19,27,49/03	11512	59	10*,11,15,20,22,24,34, 43,51/03
501	12	9*,10,18,21,22,24,40, 41/03	11329	35	48*,49,52/03	11402	21	30*,34/03	11513	23	49/02;1,24,50/03
502	2	52/02;40,44/03	11330	15	50*,51/03	11403	11	9/03	11514	26	37*,40,49/02;4,5,15,22, 24,34,43,51/03
507	2	45/02	11331	18	8,19,23,30,34/03	11404	28	3/03*	11516	30	43*,50/03
508	2	45/02	11332	28	42*,43,49,51/02;6,17,19, 20,23,25,31,34,35,37,47, 52/03	11405	29	38/03*	11517	17	24/03
510	3	40/03	11333	1	N35/03	11406	11	9/03	11518	33	14*,19,28,50/03
513	6	38/02;34,50/03	11334	35	48*,49,52/03	11407	18	14,20/03	11519	12	28/03*
520	127	38/02;34,40,41/03	11335	45	48*,49,52/03	11408	28	3/03*	11520	41	38*,39,50/03
521	11	34,50/03	11336	39	14*,17,21,22,23,25,31, 34,37,38,47,52/03	11409	28	32/03*	11521	26	35/02;9,19,24,28,34, 39/03
523	8	34,50/03	11337	52	27*,29,31,34,35,42,46, 47/03	11410	27	27/03	11522	19	39/03
524	12	47/02;34/03	11338	37	48*,49,50/03	11411	14	43*,45/02;7,20/03	11523	21	35,52/02;5,9,19,24,28, 34/03
525	3	40/03	11339	52	52/02*,6/03	11412	41	42*,45/02;1,6,7,11,12,13, 14,20/03	11524	46	8*,11,12,13,15,17,19,20, 22,28,34,43/03
526	10	47/02;6/03	11340	68	37*,38,45,46,49,50,51, 52/03	11413	5	42*,45/02;1,2,7,14,20/03	11525	6	N39,N42/02;N4,N8,N15, N21,N22,N25,N52/03
530	30	37,38,40,52/02;6,10,18, 21,22,24,34,40,41,44, 50/03	11341	39	14*,17,21,22,23,25,31, 34,37,38,47,52/03	11414	5	42,48/02;1,2,6,11,12,14, 20,50/03	11526	10	20/03*
531	21	47,52/02;21,24,32,34, 41/03	11342	52	27*,29,31,34,35,42,46, 47/03	11415	27	20*,21,22,25,52/03	11527	16	37/02;20/03
532	17	38/02;34,50/03	11343	37	48*,49,50/03	11416	5	42,48/02;1,2,6,11,12,14, 20,50/03	11528	21	11,39/03
540	16	51/02;16,30/03	11344	35	9*,19,22,23,26,27,29,31, 34,38,43,46,47/03	11417	33	2/03*	11529	20	37/02;39,43,50/03
541	2	6/03	11345	31	9*,38/03	11418	18	14,25/03	11530	32	17*,36,45,50/03
550	7	45/02;6/03	11346	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03	11419	35	6,17,22/03	11531	12	46/02;39/03
600	5	45/03	11347	31	48*,38/03	11420	39	36/02;6,7,15,20,52/03	11532	16	38/03*
601	4	6,8,27,38/03	11348	20	43*,47,51/03	11421	34	38*,39,52/03	11533	34	21*,23,26,35,36,43,45, 47/03
602	6	47/02;6,38/03	11349	40	38*,42,51/02;23,26,27, 31,36,52/03	11422	36	38/02*,20,52/03	11534	18	39,44,51/02;6/03
603	6	47/02;10/03	11350	25	43/03*	11423	7	N39,N42/02;N4,N8,N15, N21,N22,N25,N52/03	11535	24	51/03*
604	5	38/03	11351	38	20*,22,23,25,27,30,31, 34,48,50,51,52/03	11424	18	14,25/03	11536	15	39/02
605	4	6/03	11352	36	3*,7,8,9,20,22,24,26,31, 34,48,51/03	11425	34	46*,49/02;4,25,52/03	11537	34	21*,23,26,35,36,43,45, 47/03
606	1	17/03	11353	2	35,38,43,45,49/02;4,5,7, 18,20,21,26,27,31,34,43, 45/03	11426	30	7,15,39/03	11538	18	39,44,51/02;6/03
607	1	17,45/03	11354	24	26*,31,34,48,51/03	11427	33	2/03*	11539	34	51/03*
622	9	47/02;19,36/03	11355	25	38/03*	11428	35	47/02*	11540	22	39/02;8,38/03
623	9	47/02;19,36/03	11356	35	38*,51,52/03	11429	8	15,22,25,39/03	11541	37	36/02*;8/03
632	8	45/02	11357	36	38*,52/03	11430	31	20*,22,25/03	11542	60	45*,47/02;6,8,14,22,23, 24,35,38,39,43,49/03
702	5	7/03	11358	52	41*,49,50,51/03	11431	16	7/03	11543	35	37,47/02;7,12,18/03
703	4	46/02;7,44/03	11359	11	39/02;49,50/03	11432	37	47*,50/02;4,12,21,23, 24,0/03	11544	28	17/03*
705	3	46,52/02	11360	40	1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37,38, 49,50,51,52/03	11433	17	24/03*	11545	28	8/03*
706	4	44/03	11361	70	21*,23,24,25,26,30,31, 35,51,52/03	11434	16	7,25/03	11546	38	36/02*,7,24,50/03
707	2	34,44/03	11362	4	N33,N36,N39,N40, N47/02;N2,N5,N6,N8, N19,N23,N24,N25,N26, N27,N29,N30,N34,N35, N37,N38,N49,N50,N51, N52/03	11435	36	30*,31,40/03	11547	47	47/02*
708	3	34,36/03	11363	39	47*,50,51/03	11436	37	47*,50/02;4,12,21,23, 24,0/03	11548	38	47/02*
709	2	50/02;19,25/03	11364	39	3*,4,5,8,9,18,19,21,23, 25,26,27,30,33,34,35,43, 50,51/03	11437	17	24/03*	11549	28	17/03*
1113A		20*,21,22,25,52/03	11365	17	52/02*:9,32,34,50/03	11438	11	7,8,21/03	11550	28	8/03*
1114A		39/02;4,9,11,12,13/03				11439	25	6,17,22/03	11551	28	8/03*
1115A		1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37,38, 44,45,50,51/03	11366	35	38*,51,52/03	11440	39	36/02;6,7,15,20,52/03	11552	38	36/02*,7,24,50/03
1116A		37*,38,45,46,49,50,51, 52/03	11367	70	21*,23,24,25,26,30,31, 35,51,52/03	11441	34	38*,39,52/03	11553	47	38*,42,52/02;7,12,18/03
1117A		28*,30,31,32,34,35,36, 44,45,50,51/03	11368	4	N33,N36,N39,N40, N47/02;N2,N5,N6,N8, N19,N23,N24,N25,N26, N27,N29,N30,N34,N35, N37,N38,N49,N50,N51, N52/03	11442	36	32/02*,22,40/03	12200	25	N42,N52/02;N7,N12, N18,N24,N32/03
5161	13	48/03*	11369	39	47*,50,51/03	11443	36	40/03	12201	35	10*,33/03
11004	7	37,39,40,42,43,45,47, 51/02;5,6,7,8,9,14,18,21, 22,23,24,25,26,27,29,30, 32,34,36,37,38,44,51/03	11370	39	1*,2,5,8,9,18,19,21,23, 25,26,27,30,33,34,35,43, 44,45,50,51/03	11444	31	8*,25,40/03	12202	28	43*,50/03
11006	31	47*,49,50/03	11371	39	47*,50,51/						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12221	75	48*,50/03	12372	31	45*,47,48/02;2,5,6,23,25, 36,45,49,52/03	13312	21	10/03*	14214		N39/03*
12222	44	26*,28,33,34,41,51/03	12373	14	2/03	13313	19	41,49,52/02;6,9,36/03	14215		N39/03*
12224	23	8*,33,45/03	12377	14	37/02	13315	11	49/02	14216		N39*,N44/03
12225	54	22*,33/03	12378	14	2,13,23/03	13316	22	28/03*	14217		N43/03*
12226	16	7/03	12401	7	47/02;2,13,33,41/03	13318	18	38*,41,52/02;5,6,21/03	14218		N39/03*
12228	29	43/02*	12402	8	33,47/02;13,34,41/03	13321	9	20/03*	14219		N40/03*
12230	60	30*,34,42,48,52/03	13000		N48,N49/02;N21,N26, N29/03	13323	7	5/03	14220		N39/03*
12231	26	35,46/02;7,30/03	13200	33	37,48/02;7,9,18,36,39,44,	13324	13	41,52/02;2/03	14221	26	40,46/02
12233	35	3*,4,5,6,14,34,45/03	13003	47	36*,39,44,45,48,52/03	13325	14	2,29/03	14222	16	40/03**
12235	29	47/02;4,6,7,17,33/03	13006	31	36*,39,44,45,48/03	13326	12	41,43/02	14223	18	38/03**
12237	27	48/03*	13009	30	46/02*;1,4,7,19,25,34/03	13327	2	6/03	14224		N39/03*
12238	37	46/02*;1,4,7,19,25,34/03	13200	33	42*,48,49/02;1,9,18,23, 36,39,44,45,48/03	13329	3	39/02*;9,21,42/03	14225	17	39/03**
12241	21	34,44/02;7,34/03	13201	10	N37,N48/02;N9,N18, N36,N39,N44,N45, N48/03	13330	4	9,19,21/03	14226	32	39/03**
12245	62	30*,33,34,49/03	13203	12	37/02;48/03	13332	3	36/02	14227	28	39/03**
12248	40	44/03*	13205	36	37,42,45,48/02;1,5,23/03	14002	57	32,34,36,37,42,49/03	14228	11	39/03**
12251	23	35/02;4,6,7,15,26/03	13209	23	37/02;23/03	14003	6	48,49/02;5,9,12,29,39, 48/03	14229		N39/03*
12252	23	33,34/02;4,7,10,15,17,30, 35,45,49/03	13210	13	47/02;45/03	14007		N38/03*	14230	6	43/03**
12253	43	35/03*	13203	12	37/02;48/03	14008	76	38/03**	14241	23	39/03**
12254	43	38*,43,44/02;30,34/03	13204	12	44/03	14010	5	35/02;26,32/03	14242	13	40/03**
12255	15	44/02;30,34/03	13205	36	37,42,45,48/02;1,5,23/03	14024	5	33,36,39/02;12,22,36, 47/03	14243	8	39/03**
12256	14	48/03*	13209	23	37/02;23/03	14040	65	40/02;34,49/03	14244	5	39/03**
12261	28	37*,44/02;7,18,22,48/03	13211	13	47/02;45/03	14041	12	34,36,42/03	14245	4	39/03**
12263	52	35*,42,44/03	13212	35	9*,13,36/03	14042	3	34,42/03	14246	6	39/03**
12264	28	38/02*;7,42,44,48,52/03	13213	40	14*,25,36/03	14043	7	21,26,49/03	14247		N39/03*
12266	27	20,30/03	13214	27	34*,45,48/02;5/03	14044	44	6,47,49/03	14248		N40/03*
12270	32	9*,18,24,25,33,42/03	13215	17	45,48/02;1,5/03	14046	2	47,49/03	14249		N40/03*
12272	29	36,45/02;13,16,30,33, 38/03	13216	1	N48/02	14061	27	6,9/03	14250		N40/03*
12273	54	47/03*	13218	38	42,45,51/02;5,46,50, 52/03	14062	17	32,36/03	14251		N40/03*
12274	33	37*,50/02;5,15,17,30, 33/03	13221	53	44,51/02;2,5,7,27,46, 49/03	14066	19	6,34,42,47/03	14252		N40/03*
12277	32	35*,51/03	13223	36	52/02;2,4,6/03	14067	11	6/03	14253		N40/03*
12278	72	36,45/02;19,25,30,33, 38/03	13224	36	44/02;5,27/03	14081	21	36,47/03	14254		N40/03*
12280	4	52/03*	13225	5	44/02;6,7,49/03	14083	30	33/02	14255		40/03**
12281	49	12,19,25,38,44,48,49/03	13227	13	7,49/03	14085	6	49/03	14256	3	40/03**
12282	34	43/03*	13228	11	51,52/02	14087	58	33/02	14260	47	39/03**
12283	24	8,18,25/03	13229	27	39,42,45,52/02;1,7,19,48, 50,52/03	14088	10	41/02*;34/03	14263	15	40/03**
12284	15	7,42,48/03	13230	46	2*,7,19,50,52/03	14089	29	41/02*;34/03	14264	4	40/03**
12285	35	11*,14,19,22,34,36,45/03	13232	4	39,42/02	14090	2	33/02	14268	37	40/03**
12286	29	2*,4,6,42,52/03	13233	16	10,39/03	14091	6	41/02*	14301	2	40/03**
12289	48	10*,19,22/03	13235	5	48/03	14105	19	47/03	14310	2	40/03**
12300	43	19*,39,44,48,49/03	13236	29	45/02;1,7,19,50/03	14111	7	14,32,34,42,44/03	14328	6	47/03
12301	21	N37,N39,N42,N45/02; N5,N17,N39,N44,N48, N49/03	13237	39	27*,39/03	14112	5	32,42,44/03	14329	5	32,47,49/03
12304	43	21*,26,48,52/03	13241	15	34,42/02	14115	2	47/03	14340	25	33,37,40,52/02;12,22,30, 49/03
12311	42	38*,48,51/03	13246	37	36*,42/03	14144	29	38/03**	14341	5	12,34,47,49/03
12312	52	10*,15,24,32,51/03	13249	12	22/03*	14145	2	47/03	14342	20	52/02;30,49/03
12313	49	35*,43,52/03	13253	18	3*,8/03	14146	2	32,49/03	14344	2	37,40/02;49/03
12314	30	46*,50/02;5,25,33,35/03	13260	39	36*,39,42,45/03	14151	2	37/02;32,34,38/03	14345	5	37,40/02;12,22,49/03
12316	29	2*,6,32/03	13263	7	N36,N43,N48,N49/02; N1,N7,N9,N18,NP21, N23,N26,N29,N36,N39, N42,N45/03	14168		N37/03	14360	36	33,36/02;47/03
12317	31	37,50/02	13264	103	36,49/02;9,P21,26,29,39, 42,49/03	14173	2	32,38,42,49/03	14373	2	34,49/03
12318	41	9*,32,44/03	13272	47	40/02;8,25,35/03	14174		N42/03*	14386	3	36/02
12323	23	40/02;4/03	13274	25	43/03*	14175		N43/03*	14404	4	47/03
12324	30	2*,8,49/03	13275	28	45/03*	14176		N38/03*	14415	4	33/02;36/03
12326	49	35*,49/03	13276	22	36/03*	14177		N40/03*	14420	27	40/03**
12327	97	48*,49/03	13277	60	50/03*	14178		N40/03*	14500	27	52/02*
12331	30	8*,13,14,18,33/03	13278	47	19,03	14180	38	42/03**	14756		N50/03
12332	21	43,46/02;13,18/03	13279	25	43/03*	14181	3	43/03**	14758		N32,N49/03
12333	33	44*,49/03	13275	28	45/03*	14183	15	38/03**	14773	16	26/03
12334	66	30*,34,36/03	13276	22	36/03*	14184		N32,N44,N47,N49/03	14774	16	15/03
12335	40	47/03*	13278	25	1,9,32,39/03	14185	2	40/03**	14782	24	47/03
12337	22	45/02;13,18/03	13279	30	20*,32,39/03	14186	2	40/03**	14784	19	47/03
12338	9	21/03*	13282	11	21*,39/03	14187	2	38/03**	14786	13	49/03
12339	44	50/03*	13283	18	1,9/03	14188	1	42/03	14803	26	5,49/03
12341	26	36/03*	13285	10	20/03	14189	2	36,42,44/03	14804	24	5/03
12343	18	37/02*;7,21,27/03	13286	29	39*,40,50/02;1,9/03	14190	2	37,42/03	14813	21	2*,49/03
12345	10	42/02*;21/03	13288	40	36,43,50,51/02;29,42,44, 45/03	14191		N38/03*	14815	22	43/03
12347	29	27,29,35/03	13296	25	43/02;27/03	14192		N38/03*	14816	23	5/03
12348	33	27,29,34/03	13290	35	39*,42,44,49/03	14193		N38/03*	14820	19	11/03*
12350	57	39*,49/02;29/03	13292	36	36,40/02;7,16,29,42,44, 49/03	14195		N42/03*	14822	31	10/03*
12352	30	46/03*	13293	33	43,51/02;14,27/03	14196		N38/03*	14823	30	1/03*
12353	17	39/03	13295	11	2*,14/03	14197		N38/03*	14826	27	4*,49/03
12354	40	38/03*	13296	25	43/02;27/03	14198		N43/03*	14829	5	49/03
12358	19	46*,49/02;1,7,10/03	13298	10	43,52/02	14200	2	38/03**	14830	30	31*,34,47/03
12362	16	49/02	13299	10	43,52/02	14201	15	38/03**	14832	34	52/02*;49,51/03
12363	39	44/02;6,23,27,32,36/03	13301	20	33,51/02;23,42,45/03	14203	12	42/03**	14833	25	43,49,51/03
12364	34	20*,23,25,27,32,36,39/03	13302	21	41/02;2,7,9,32,42,45, 52/03	14204	21	38/03**	14835	31	39/02
12365	26	6,23/03	13303	12	48/02*;7,9/03	14205	7	38/03**	14836	27	42/02*
12366	27	51/02;20,27/03	13305	28	40,41,49/02;2,7,9,36, 44/03	14206	20	43/03**	14837	27	3/03
12368	26	42/02*;24,25/03	13307	10	23,28,44/03	14208	28	38/03**	14838	3	52/02*
12369	25	44/02;32,35,36,43/03	13308	11	40/02	14209		N38/03*	14839	36	9*,43,49,51/03
12370	18	39/02*	13309	11	40/02	14211		N40/03*	14842	13	46*,51/03
12371	23	27*,52/03	13309	28	42/02*;9,32,52/03	14212		N38/03*	14843	22	39,51/02;43,51/03
						14213		N39/03*	14844	31	4,51/03</

SECTION I

NM 52/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14845	26	4,51/03	16013	28	52/02;21,29,32,34,35,41, 44/03	17382	15	20*,36/03	18022	33	34,37,45/02;6,10,13,21, 25,33,35,36,40,43/03
14846	11	39,40/02;2,43,47/03	16016	19	34/03	17383	1	49/02;8/03	18400	44	41*,43,47,49/03
14847	30	40/02;43,47/03	16041	8	48/03	17384	7	44/02	18401	12	34/03
14848	56	9,17,21,22/03	16042	7	39/02*	17400	16	36/02;10,12,44/03	18403	21	6,20/03
14850	51	7,21/03	16061	8	37,49/02;13,17/03	17401	10	1,36/03	18405	12	43/02;16/03
14852	45	19*,21/03	16200	13	36/03	17402	10	46/02*	18406	5	16/03
14853	14	26/03*	16206	7	46/03	17405	14	12,25,46/03	18409	8	41/03
14854	13	17/03	16220	5	36/03	17406	6	25/03	18411		N16,N20/03
14864	26	37/02	16300	8	52/02;3,8/03	17409	10	39/02*;44/03	18412	10	20/03
14865	16	4/03	16305	9	8/03	17412	2	49/03	18413	15	20,22/03
14867	26	39/03*	16322	7	8,46/03	17413	2	43,50/02;10,44/03	18414	9	20/03
14871	2	34/03	16363	12	38/02*	17414	3	41/02	18415	8	42/02;7,22,32,39,47, 50/03
14873	2	35/02	16381	8	8,25/03	17416	3	10,14/03	18420	1	22,47,49,50/03
14880	30	33/02;4/03	16420	10	46/03*	17420	26	36,37,42,43,50/02;1,10, 12,14,20,36/03	18421	46	50/03*
14881	31	33/02	16480	10	38/02;34,50/03	17429	2	N38/02*	18423	33	1*,5,7,9,15,18,30,32,34, 36,38,39,43,45,47,49/03
14885	20	51/02	16423	2	47/03	17430	10	5,36/03	18424	25	7,45/03
14886	11	41/03*	16431	7	50/03*	17432	8	52/02*	18427	21	35/02*;7,19,45/03
14901	14	52/02*;5/03	16440	13	37/02	17426	13	37/02;1,16,20/03	18429	9	3*,22/03
14902	28	4/03	16441	7	37/02	17427	7	21,36/03	18430	7	6,7,22,49/03
14903	23	31/03*	16442	7	41/03*	17428	7	5,36,43/03	18431	6	2/03*
14904	26	40/03*	16480	10	38/02;34,50/03	17429	2	N38/02*	18432	5	14/03*
14905	30	45/03*	16500	9	9,33/03	17430	10	5,36/03	18433	5	2*,22,32,36/03
14906	23	5/03	16520	21	2,31,33/03	17434	11	5,36,43/03	18434	4	P44,48/02;6,9/03
14909	19	49/03	16528	16	9,33/03	17435	16	40,49/03	18440	26	3*,15,18,22,28,30,32,34, 38,45,47,51/03
14910	23	17/03*	16529	14	50/02;9,33/03	17446		N10/03	18441	43	39*,45,47,51/03
14911	20	4/03	16530	6	50/02;33/03	17460		N5,N36,N49/03	18443	15	39/02;6,34/03
14912	17	31/03*	16535	12	2,21,31/03	17465	4	6,12/03	18444	15	39/02;34/03
14913	18	31/03*	16549	15	41/03*	17470		N23,N41/03	18445	29	33,39/02;6,7,9,10,15,18, 22,25,28,34,36,38,42,45, 47,51/03
14915	25	28/03*	16553	3	17/03	17471		N6,N47/03*	18446	16	47*,51/03
14916	10	45/02*;17/03	16556	4	8/03*	17472	4	5,14,36,41/03	18447	26	52/02;6,7,10,18,47/03
14917	23	3/03	16561	1	29,35,44/03	17480	4	43/02;5,10,36/03	18448	32	33/02;10,15,22,34,36,45, 51/03
14918	26	17/03	16566	10	29,44,49/03	17482		N7,N14,N41/03	18449	18	50*,51/03
14922	19	51/02;9/03	16568	12	39/02*	17483		N41/03	18450	17	9*,44/03
14924	27	5,49/03	16575	1	39/02	17484	3	41/03	18452	16	34,38/03
14926	10	32*,47/03	16576	4	47/03*	17485	4	41/03	18453	2	N39/02;N15,N34,N38/03
14927	24	35,37/02;47/03	16580	11	39/02	17489	19	43/02	18454	15	19*,28,34,38/03
14928	21	4/03*	16590	10	38/02*	17495	2	43/02	18455	5	N39/02;N15,N34,N28,
14929	24	14/03*	16592	9	16/03	17503	4	43/02	18456	17	47,51/03
14930	24	45/02	16593	11	14/03*	17513		N42,N43/02;N15/03	18457	16	47*,51/03
14931	24	35/02*	16594	13	2/03	17515	7	6,15,16,36,43/03	18458	15	33,39/02;6,7,9,10,15,18, 22,25,28,34,36,38,42/03
14932	23	26/03*	16595	14	2/03	17517	8	6,15,16,34/03	18459	5	N39/02;N15,N34,N28,
14933	24	35*,37/02	16596	12	39/02*	17518	7	P44,48/02;16,18,20,41, 47/03	18460	11	2*,6,7,43/03
14934	27	17*,26/03	16597	8	43/02	17519	13	16/03	18464	23	24*,30/03
14937	24	52/02*,2,17/03	16598	9	43/02	17520	2	N6,N16,N34/03	18465	35	2*,15,30/03
14942	25	35/02	16599	6	43/02	17521		N15/03	18468	17	7/03
14961	11	47,49/03	16603	8	48/03*	17524		N12,N15,N49/03	18471	9	36/03*
14963	20	51/02	16606	11	37/02*;21/03	17525		N15,N43/03	18473	7	4*,18,19,34,38,45,47, 51/03
14965	21	11/03*	16608	4	46/03*	17526		N15/03	18474	7	45/02*;7,10,15,22,25,34, 36,38,45,51/03
14966	25	14*,21,49/03	16640	24	21/03	17528		N43/02;N6,N12/03	18475	1	35/03
14967	22	5/03	16646	12	8/03	17541	3	43/02	18476	4	39/02;7,9,28,34,38/03
14970	25	40,46,51/02	16660	28	42/02;6,16,47,49/03	17542	6	47/02	18477	5	7/03
14973	27	15/03*	16663	6	42/02;6,16,47,49/03	17543	17	41/02;43/03	18480	29	2*,6,7,43/03
14975	33	52/02*,43,44/03	16665	7	42/02;6,16,47,49/03	17545	13	43,47/02;43/03	18484	10	40/02;15,29/03
14983	9	46/03*	16680	10	6,32,37/03	17546	22	42,43,47/02;24,34,35, 43/03	18485	15	2*,10,29/03
14985	9	41/03*	16681	10	37/02*	17548	28	16,43/03	18500	28	39/02;12,22,28/03
14986	9	46/03*	16682	15	8*,17,19,37/03	17549	6	47/02;15/03	18502	84	39,42,49/02;9,21,28,29, 42,47,52/03
14988	10	41/03*	16683	9	3,16,17,32,37/03	17550	4	42,43,P44,44,47,48, 52/02;43/03	18504	65	19*,35/03
14995	11	52/02*	16700	28	40*,43,50/03	17554	17	41/02;43/03	18520	24	33,39/02;22/03
15043	3	34,47/03	16701	19	37/03*	17555	13	43,47/02;43/03	18521	69	34*,39,49/02;4,10,12,21, 22,24,29,52/03
15044	3	34,47/03	16702	11	37/03*	17556	19	22*,41,43/03	18523	53	33/02;4,12,52/03
15046	4	47/03	16705	19	49/02;16,43/03	17557	4	N34/02;N6,N10,N13, N21,N26,N40/03	18524	33	33/02;4,6,10,24,29,47, 52/03
15061	3	50/03	16707	10	34,37/02;16,20/03	17558	3	N6/03	18525	33	33/02;4,9,29,52/03
15064	1	50/03	16708	25	37,49/02;16,20,50/03	17559	31	33,34,37,38,39,40,47, 52/02;18,22,24,26,35, 41/03	18526	55	33/02;4,18,29,52/03
15066	5	32,47/03	16709	22	49/02	17560		N41/03	18527	21	48/03
15067	2	47,49/03	16712	1	16/03	17561		N41/03	18528	10	52/02*;18/03
15069	4	47/03	16713	2	49/02	17562		N41/03	18529	10	52/02*
15070	3	49/03	16741	9	46/02	17563		N41/03	18531	20	34/02;9,10,48,52/03
15080	1	47/03	16760	10	51/02;28/03	17564		N41/03	18532	20	10,52/03
15160	5	50/03	16761	16	28/03	17565		N41/03	18545	15	50/03*
15163	2	50/03	17003	4	47,52/02;24,35,36/03	17566	2	N34/02;N6,N13,N26, N36,N44/03	18548	5	8/03*
15313	1	15/03	17005	10	41,45,47,52/02;24,34,35, 43/03	17567		N41/03	18558	37	39/02;48/03
15562		N23/03	17008	12	43/02;36/03	17568		N33,N34,N37,N38,N39, N40,N47,N52/02;N18, N22,N24,N26,N35,N37, N41/03	18561	11	33,39/02;10,51/03
15569		N23/03	17300	30	52/02*;21,39/03	17569		N41/03	18580	21	33,38,39/02;51/03
15570		N23/03	17302	18	51/02;49/03	17570		N41/03	18581	17	49/02*;4,36,50,51/03
15585		N14/03	17303	9	37/02	17571		N41/03			
15590		N35/03	17315	23	2*,16,21,25/03	17572		N41/03			
15594		N41/02	17316	20	3,25/03	17573		N41/03			
15594		N47/03	17318	5	39/03	17574		N41/03			
15594		N47/02*	17320	15	13,29,34,39/03	17575		N41/03			
16003	16	13,36,48/03	17323	10	13,22,29,39/03	17576		N41/03			
16004	11	13,17,48/03	17324	13	39/03	17577		N41/03			
16005	9	36,48/03	17325	7	29/03	17578		N41/03			
16006	33	6,32,35,36/03	17327	21	46/03*	17579		N41/03			
16011	35	38/02;8,29,31,32,35,44, 50/03	17329	33	31*,36/03	17580		N41/03			
16012	21</td										

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18583	38	33,42,49/02;12,43/03	19340	26	35,49,51/02;5,13,29,30, 36,47/03	22111	4	17/03	22420	2	4,11,15,19,30,40/03
18584	47	39,49/02;4,6,30,48,52/03	19347	17	29/03	22112	3	43/02;17,37/03	22421	4	N43,N44,N46/02;N11, N23,N25,N26,N27/03
18587	68	33,39,42/02;4,6,9,10,21, 27,36,52/03	19348	7	29,43/03	22113	8	12,17/03	22423	3	N11,N25,N27/03
18588	37	22*,36/03	19353	12	27/03	22114	5	42,43/02;17,33,37/03	22424		N27/03
18589	15	44/03	19357	22	42*,49,51/02;5,13,30,36, 47,50/03	22117	3	37/03	22425	2	44,46/02
18600	14	33,37,38,40/02;44,47/03	19359	10	12,16,47/03	22120	3	34,36,39,41,43,52/02;29, 32/03	22427	1	N43,N44,N46,N50/02; N11,N23,N25,N26, N40/03
18601	13	10/03	19360	1	N37,N51/02	22121	9	34,36,44,52/02;29,32,47, 51/03	22429		N46/02;N10,N14,N17, N19,N27/03
18602	12	26*,47/03	19361	7	30/03	22124	2	34,52/02;6,29,32/03	22430	6	19/03
18603	16	9*,10/03	19362	12	49/02	22125	1	36/02	22433	3	39,47/02;11,14,35/03
18620	23	35/02*	19366	36	49/02;5,50/03	22126	1	36/02	22434	2	35/03
18622	52	49/02;21,25,27,35/03	19367	37	49/02;10,50/03	22130	2	44/02;14,17,29,32,38/03	22436	2	39/02;10,14/03
18623	11	34/02	19369	5	49/02;10,36,50/03	22138	2	41,44,48/02;6/03	22440	1	19/03
18626	15	37/02;10/03	19379	1	N51/02;N5,N13,N30, N46/03	22140	2	34,36,44/02;25,47/03	22471	31	44/02
18640	24	26,38,42/03	19380	14	51/02;5,13,30,46/03	22142	2	39,41,43/02;25,40,47/03	22481	35	43,44/02;19/03
18643	17	26*,33,41,43/03	19381	8	49,51/02;26/03	22145	2	N41/02;N25/03	22482	16	44,50/02;23/03
18645	24	50/02;33,38/03	19382	15	26/03	22160	2	34,39,41,48,52/02;25/03	22492	3	34/03
18647	15	2/03*	19383	17	49/02;5/03	22170	3	39/02;/03	22521	3	12,17,34/03
18649	63	48*,50/03	19387	9	N46/03	22172	8	48/02*;4,6,29/03	22523	3	12,17,34/03
18650	52	47/03*	19388	2	N46/03	22173	36	48/02*;6,17,29/03	22529	3	12,17,35/03
18651	42	15*,48/03	19401	8	10/03*	22180	2	34/02;32/03	22531	2	12,17,35/03
18652	32	36*,40,43,46,48,49/03	19402	6	9/03*	22181	16	39,41/02;29/03	23000	5	51/03
18653	9	36,38,41/02;4,6,21,43, 50/03	19421	7	8/03*	22182	6	34/02;14,29/03	23010	4	38/02
18654	42	38,49/02;12,16,35,46, 48/03	19441	7	28/03*	22183	4	52/03*	23020	4	22/03
18655	58	49/02;12,16/03	19442	5	14*,26/03	22190	2	29/03	23030	6	38/02;21,22,37,42/03
18656	53	19*,21,33,40,43,48/03	19461	7	10/03*	22205	2	12,18/03	23121	7	17,20/03
18657	18	4,21,40/03	19483	6	11/03*	22221	20	12,31,34/03	23122	8	33/02
18658	29	4,21,33,40/03	21005	5	45/02;2/03	22222	1	4,12,31/03	23124	3	N17,N20/03
18659	14	49/02;7,16,21,43,48/03	21008	62	39,42,43,50/02;1,2,36/03	22225	2	12,18,40/03	23125	4	17/03
18660	2	29*,43,49/03	21011	5	2/03	22233	29	13,18,25,37/03	23131	7	12,22/03
18661	27	15*,16,43,49/03	21014	72	42,50,52/02;2,3,4/03	22250	2	42/02;12,18/03	23141	7	34/02;22,37/03
18662	20	7,43,44/03	21017	50	41,50/02;4,5,6,9/03	22251	11	12,28/03	23142	10	8,37,47/03
18663	5	14*,43/03	21020	42	41/02;5,6,7/03	22259	4	20,24/03	23145	3	37,51/03
18666	1	21,33,48/03	21021	3	45/02;13/03	22263	1	26,37/03	23150	10	37,52/02
18680	30	6,13,33,35,38,40/03	21023	41	34/02;7,8,9/03	22264	2	42/02;13,18,20,24,26,37, 41/03	23151	3	12/03
18685	32	36*,46/03	21033	46	1,16/03	22275	3	42/02;12,18,26/03	23152	3	37/02;12/03
18687	13	8/03*	21036	7	1,16/03	22281	9	12,18/03	23153	8	12,13,49/03
18700	22	40/03*	21120	27	47,50,51,52/02	22282	17	12/03	24004	36	41,42,46/03
18703	25	40/03*	21121	18	47/02	22283	3	N12/03	24016	53	39/02
18704	12	37/02	21122	5	47/02	22284	7	N10,N38/03	24024	46	18,25/03
18720	31	35/02;4,6,10,12,25/03	21125	13	51,52/02;36/03	22290	4	18,30/03	24028	6	48/02
18721	11	35/02;6,10,39/03	21126	1	50/02	22293	15	18,26,37,38/03	24050	11	34,38,49/02;20,31,32,33, 51,52/03
18723	3	6/03	21140	1	45,50/02;12,27,36/03	22294	15	12/03	24052	15	37,38/02;14,19,21,30,42, 44,50/03
18724	1	22*,25/03	21141	23	48/02	22305	2	18,24,30,34/03	24053	16	19/03
18725	27	32/03*	21160	1	45/02	22311	19	8/03	24055	6	37,49/02;14,19,21,42,50, 51,52/03
18740	40	46*,49/03	21161	19	43,48/02	22312	2	13,30/03	24057	4	38,49/02;20,30,33,42, 52/03
18741	18	N45,N50/02;N12,N27, N38/03	21180	1	2,7/03	22313	2	44/02;8,18,38,40/03	24058	2	37,38/02;19,22,28,29,30, 42,44/03
18744	30	37/02;35/03	21182	34	39/02	22314	1	44/02;40/03	24060	2	34/02;17,32/03
18746	34	34/02;5,13,41,49/03	21200	1	2/03	22322	11	33/03**	24080	5	17/03
18749	38	40/02;5,6,16,21,26,28,31, 39,41,49,50/03	21301	13	3,12/03	22331	2	N10,N19,N24/03	24091	6	6,21,46/03
18751	42	40/02;5,6,16,21,26,28,31, 39,46,49,50/03	21342	28	41,44/02	22335	4	19,52/03	24092	14	6/03
18754	17	39*,43/03	21478	3	9,16/03	22341	9	43/02;11,21,29,52/03	24100	5	46/03
18757	10	13,41/03	21482	1	36,46/03	22342	9	21,29/03	24101	3	37,41/02
18758	6	35/02*;16,33,49/03	21510	1	9,16/03	22343	1	N43/02;N10,N11,N21, N41,N52/03	24102	3	37,41/02
18760	6	N34,N35,N45,N50/02; N6,N25,N35,N36, N44/03	21520	1	29/03	22344	6	N23*,N52/03	24110	3	35/03
18765	15	45,50/02;12,27,46/03	21521	14	29/03	22345	11	42/02;24/03	24113	6	31/03
18766	7	45,50/02;12,27,36/03	21525	19	38/03	22347	6	N23/03*	24140	18	41,42,46/03
18768	4	N45,N50/02;N12,N27, N36,N38/03	21563	3	45/02	22351	1	N43/02;N12,N35,N41, N52/03	24141	4	5/03
18772	47	21*,48/03	21564	2	41/03	22352	6	12,19,24,35,52/03	24142	43	5,6/03
18773	39	40*,41/03	21601	4	31/03	22370	2	15,19,26,30,33,34/03	24149	1	52/03
18774	10	35/02*;10,16,49/03	21603	9	5,31,36/03	22371	5	30,32,33,52/03	24150	27	41,47/03
19002	9	N37,N51/02;N16,N23, N29,N46/03	21605	7	31/03	22373	1	N50/02;N10,N24,N30, N32,N33,N34/03	24151	4	41/03
19004	36	35,37,51/02;23,29,30, 46/03	21661	12	6/03	22375	1	N10,N13/03	24152	2	41,47/03
19007	16	51/02;16,23,29,30,46/03	22004	38	34,36,39,41,43,52/02;16, 29/03	22377	1	N10,N13/03	24153	6	39,47/03
19008	4	16,23,29,46/03	22008	35	34,36,39,41,43,44,48, 52/02;6,14,17,29,32,38, 47/03	22379	1	N50/02;N10,N30,N32/03	24155	6	46,49/03
19009	4	16,23,29,46/03	22012	31	34/02;6,29,32/03	22381	1	N43/02	24160	21	47/03
19010	17	45*,51/02;23,29/03	22032	20	19,40/03	22395	2	42/02;15,19,22,26,30/03	24161	11	42/02;7,28,32,39,40, 47/03
19013	16	51/02;29,30,46/03	22036	28	47/02;51/03	22401	4	N23*,N30/03	24162	9	42/02;6,7,28,32,39,40,42, 47,52/03
19016	9	46/03	22050	4	12,26/03	22404	15	46/02	24164	6	39,41,47/03
19019	9	28/03*	22052	6	46/02;25,34,43,47/03	22406	1	N1/03	24170	14	5,6,35/03
19320	16	35,37,51/02;5,16,23/03	22082	4	13,25,38/03	22407	1	N4,N11,N18,N30/03	24171	19	5,6,37,52/03
19324	22	35/02*;5,23/03	22084	4	42/02;35,37/03	22408	1	N10,N21/03	24172	4	5,6/03
19327	10	23,43/03	22090	2	43/02;4,17/03	22409	4	N45/02;N10,N17,N22/03	24179	5	49/03
19330	9	27/03	22100	3	12/03	22410	32	43,44,46/02;19,23,40/03	24180	15	8,40/03
19331	7	23,43/03	22101	19	43/02;37/03	22413	1	N45/02;N22/03	24201	5	49/03
19339	1	N35,N49,N51/02;N5, N13,N30,N47/03	22102	19	17/03	22417	1	N10,N25/03	24202	6	31,35,46/03
			22109	3	17/03	22418	2	36,44,46/02;19/03	24203	36	49/03

SECTION I

NM 52/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
24210	14	42/03	25575	4	35,39/03	27186	8	1,9/03	35402	3	38/02
24220	14	39/03	25600	47	25,27/03	28004	1	45/02;8,9,22/03	36005	2	34,36,38,45,46/02;P12, 14,17,24,25,27,31,43, 44/03
24222	3	39/03	25607	4	39/02;48/03	28006	1	8/03	36010	27	38/02;5,15,16,20,23, 43/03
24223	33	39/03	25608	21	16,26,34,38/03	28050	3	34/02;26,42,47/03	36015	2	36,46/02;27,44/03
24230	20	52/03	25613	2	25,27,47/03	28084	4	17/03**	36040	16	1,15/03
24233	15	36,43/02	25640	40	15,25,31,34,39,52/03	28150	3	8/03	36046	5	38/02
24234	3	35/03	25644	13	20/03*	28154	2	38/03	36060	17	38/02;5,8,20,21/03
24240	5	39/02;7,39,46,52/03	25646	7	N42/02	28190	2	41,43,45,46/02;18/03	36061	5	46/02;20/03
24250	5	39/02;7,39/03	25649	19	44/03*	28196	4	41,43,45/02;18/03	36062	11	40*;46/02
24251	23	34,43/02;6,39/03	25650	33	25,30,31,39/03	28197	4	45/02;18/03	36098	6	5/03
24252	5	39,43/02;6,39/03	25653	13	8/03*	28202	22	41,44/02	36102	6	13/03
24260	5	34/02	25659	9	20/03*	28210	2	33,35,39,41/02	36103	9	13/03
24270	3	17,29/03	25663	27	17,30,39/03	28220	2	35,39/02	36104	6	13/03
24271	14	17,29/03	25664	15	17,30,39/03	28221	18	33,37,39/02;5/03	36106	7	47/02;5,13/03
24274	2	17,29/03	25666	17	17/03	28223	4	35,39/02	36118	3	5/03
24290	3	36,43/02	25667	20	15/03	28260	30	35,37/02	36120	9	46/02;5,8,16,23,27/03
24291	4	36/02	25668	18	48/02;13,34/03	28263	3	35,37/02	36123	25	46/02;11,16/03
24292	4	36/02	25670	41	38,48,49/02;4,5,13,20/03	28264	3	35,37/02	36124	18	16/03
24293	6	36/02;37,42,46/03	25671	18	21/03*	28265	3	37/02	36125	7	4,30/03
24294	22	36/02;37,46/03	25673	15	42/02;43/03	28281	32	36/02	36137	4	38/02
24290	4	34,43/02;6,17/03	25675	9	20/03*	28282	2	35/02	36138	3	39/02;4/03
24321	3	6/03	25677	20	32*,39,52/03	28300	1	39,50/02	36139	4	4/03
24322	6	34/02;6,17/03	25679	10	20/03*	28302	16	33,39,40/02;12/03	36140	12	36,41/02;4,10,27/03
24350	2	51/02;18/03	25681	16	28*,34,39/03	28310	2	33,35,39/02	36141	7	4/03
24355	2	51/02;25,37/03	25683	18	32*,34,39,52/03	28320	6	33/02	36143	4	34/02;5,30,43/03
24360	1	25/03	25685	9	22*,52/03	28325	2	5/03	36161	10	34,44,45,47,50/02;4,10, 18/03
24370	1	34/02;48/03	25687	12	30/03*	29002	9	18,29/03	36162	10	35,45,47,50/02;4,18/03
24375	2	34/02;38/03	25700	3	15/03	29015	5	16/03	36163	13	34,35,38,44,45,47,50/02; 4,18/03
24376	1	38/03	25720	3	33/02	29040	3	39,48/03	36164	7	34,38,44,46/02;8,15/03
24380	2	35/02;48/03	25800	3	36/02	29105	5	49,50/03	36165	6	36,44/02;10,27,30,43/03
24388	2	35/02	25841	9	36/02	29107	2	29,36/03	36167	2	40/02
24404	8	35,44,48/02	25848	25	5,13,15/03	29127	4	29,39,42/03	36173	1	40/02
24405	10	35,35,44,48/02	25849	13	42/02;12/03	29141	3	29,39/03	36180	23	36,40,50/02;4,27,44/03
24406	30	2/03	26001	4	9/03	29142	3	7/03	36181	18	36,40,50/02;4/03
24408	21	36,44,48/02	26050	1	34/02;26,47/03	35000	26	47,48/02;14/03	36182	6	36,40/02;27/03
24410	2	44/02	26060	1	49/02;42/03	35008	21	45,48,50/02;5,25,27/03	37000	22	47,48/02;14,23,43/03
24430	5	39/02;8,11,31,52/03	26068	11	18,50/03	35009	19	40,41,45/02;5,10,14, 49/03	37005	16	41,45,47,50/02;5,12,13,15, 23,28,29,30,50,51/03
24431	14	39/02;31,52/03	26081	8	46/02;16,42,43/03	35011	2	48/02;1,25/03	37010	23	41,45,47/02;10,12,13,15, 19,23,27,28,29,30,43,50, 51/03
24433	3	52/03	26100	4	31/03	35036	21	36/02;10,15,27,43/03	37025	26	38,51/02;1,24,25,27,31, 33,34,36,38,41,43/03
24434	4	39/02;52/03	26122	30	22/03*	35040	18	45/02;4,8,10,14,21,49/03	37032	2	1,6,25,31,38,42,43,45/03
24450	3	26,47/03	26125	3	41/03	35041	8	35/02;4/03	37033	2	47/02;33/03
24453	5	26/03	26127	21	49/02;5/03	35042	9	44/02;4,14,49/03	37034	2	8,14,33,41/03
24454	5	5,26/03	26128	50	49/02;5/03	35044	9	38/02	37041	15	50/02
24460	4	39,47/02;15,29,32,47/03	26129	11	41/03	35047	5	35/02	37042	5	41,45/02
24461	4	16,38,47/03	26142	10	33/02	35060	14	40,41/02;10,14,49/03	37043	17	43/02;43,46/03
24462	5	47/02;16,29/03	26210	2	36/02	35080	16	40/02;49/03	37044	16	45/02
24463	6	39/02;12,15,25,26,38/03	26218	2	31/03	35081	15	22,27/03	37045	11	45/02
24465	6	33,47/02;38/03	26219	5	31/03	35082	7	22,27/03	37046	18	43/02;43,46/03
24469	1	46,47/02;13/03	26229	11	31/03	35083	8	20/03	37050	9	42,46/02;10,12,17/03
24470	4	39,47/02	26230	12	31/03	35084	15	50/02	37060	3	46,50/02;9,13,18,43, 46/03
24471	8	47/02	26240	7	9/03	35086	5	22/03	37061	15	36,38/02;5/03
24480	1	41,44,45,49/02;24,27,42, 48/03	26244	3	9/03	35088	2	50/02	37063	21	36,50/02;43/03
24482	2	49/02;31/03	26245	16	51/02;15/03	35099	3	41/02	37064	16	45/02
24483	2	49/02	26259	2	51/02	35100	14	40,45/02;5,30/03	37065	3	5,18,43/03
24484	3	49/02;31/03	26261	27	8/03	35101	6	41/02	37068	3	33,34,38,40,42,44,45,46, 51/02;1,4,7,9,14,15,18, 20,21,22/03
24490	3	25,27/03	26262	3	8/03	35103	5	41/02	37071	7	38,43,50/02
24491	3	27/03	26282	6	22,23,34/03	35120	13	40,45,47/02;5,30/03	37078	9	44,50/02;11/03
24492	20	46/02	26290	1	21/03**	35130	3	48,51/02;5/03	37082	9	44,50/02;11/03
24501	3	27/03	26295	7	21/03*	35135	1	5/03	37084	9	38,40,43/03
24502	6	46/02;27,34,47/03	26308	5	21*,22,23,34/03	35136	2	48,51/02	37085	8	38,40/02
24504	7	41,45,46/02;42,48/03	26309	26	11/03	35141	11	34/02	37088	9	5/03
24508	3	22/03*	26310	1	N48/03*	35143	7	34/02	37089	12	4,13/03
24509	2	45,50/02;15,25,34,42/03	26312	2	21/03	35144	3	11/03	37090	8	45,51/02;1,7,9,14,16, 22/03
24510	2	41,45,46,50/02;42/03	26316	3	21/03	35150	3	48/02	37095	3	1,7,9,11,14,15,16,20,22, 32,39/03
24511	2	24,42,48/03	26320	5	35/02;7,12,22,23,25,31, 40/03	35155	3	25/03	37104	3	41/02
24512	3	44,46/02;24,25,38,42/03	26323	4	1/03	35163	7	44/02	37106	4	32/03
24513	18	46/02;38,42/03	26327	2	N41/02*N17/03	35166	4	35/02	37110	11	47/02;20,25,31,32,39/03
24517	2	46,49/02;25,40,42/03	27005	4	6,8,9,22,23,34/03	35167	3	35/02	37111	1	47/02
25001	7	15,52/03	27040	5	9/03	35169	2	35/02	37115	2	33,47/02;7,25,31,32, 39/03
25017	9	15,25,31,34,39,52/03	27041	4	50/02	35200	7	48,51/02;5,25/03	37119	2	43/02
25018	9	15,25,31,34,39,52/03	27042	21	41,42/03	35236	2	38,50/02			
25400	1	35,48/02	27060	2	22,23,34/03	35246	2	38,43/02			
25480	1	42,46/02;52/03	27080	4	15,22,33,39,52/03	35247	4	50/02			
25485	45	36/03	27081	6	49/02	35255	3	50/02;14/03			
25487	2	36/03	27082	6	49,51/02	35256	2	14/03			
25524	43	33/02;1,5,20,24,26,32/03	27083	39	28/03	35270	2	38,46/02			
25525	17	1,5,26/03	27084	4	13/03	35276	3	46/02			
25526	2	33/02;24,32/03	27100	2	8,21/03	35277	3	38,46/02			
25527	31	33/02;24,32/03	27102	11	28/03	35279	3	38/02			
25528	5	42/02	27120	4	41,43,44/02	35299	9	13/03			
25550	2	21/03	27142	5	9/03	35301	6	17/03			
25563	50	33/02;14,18,21/03	27142	7	17/03	35302	7	17/03			
25565	7	33/02	27160	2	8,13,35/03	35303	5	10/03			
25566	27										

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37120	2	39,42,49,51/02;4,6,21,23, 24,25,26,27,30,32,39,42, 43,44,45/03	37326	2	34,47,51/02;15,18,21, 36/03	43146	2	48/02;34,35,44/03	44038	5	46/03
37121	11	25/03	37328	2	42,44/02;11,15,21,24/03	43147	3	35,38/03	44040	23	44/02;6,10,13,16,17,20, 22,23,24,28,30,32,44, 52/03
37122	12	48/02;19,31,44,45/03	37330	2	34,38,40,46/02;9,13, 14/03	43150	2	N34,N35,N38,N41/03	44041	7	48/02;1,9,10,13,16,20,23, 28,52/03
37123	9	49/02;6,20/03	37342	3	2,11,15,21,45/03	43161	2	41,44/02;35,41/03	44042	7	44,45,49/02;4,7,9,10,11, 17,19,20,25,27,28,29, 32/03
37125	15	42,49/02;6,9,20/03	37343	10	45/02	43162	3	41/03	44043	8	44/02;1,6,9,10,11,13,16, 52/03
37126	8	41/02	37344	11	34/02;21,38,45/03	43163	3	44/02;41/03	44044	6	6,10,13,16,44/03
37127	11	49/02;4,6,20/03	37360	15	34,43/02;2,9,10,11,15,17, 21,24,31,36,38,39,43,44, 45/03	43164	3	48/02;6,34/03	44045	6	22,44/03
37129	6	39,42,49/02;4,6,20,23,24, 30,42,45/03	37362	6	43,48,51/02;1,2,4,17,22, 32,33,38,39/03	43166	2	43/03	44046	10	22,24/03
37133	4	44/02	37363	8	48/02;4,17,32/03	43167	5	36,42,44/03	44047	22	44/02;10,12,22,24,30,31, 32,40,48/03
37134	5	38/02;45/03	37367	1	38,49/02	43168	2	36,42/03	44048	11	5,12,18,22,25,27,31,40, 48/03
37136	6	38,46,50,51/02;30/03	37380	2	34,40,42,43,44,48,51/02; 9,10,17,21,38,39,41, 43/03	43180	5	9,44/03	44049	9	44,46,50/02;8,14,22,24, 30,31,40,48,50/03
37137	6	46,48/02;30/03	37380	2	34,40,42,43,44,48,51/02; 9,10,17,21,38,39,41, 43/03	43181	3	43/03	44050	21	20,31,32/03
37139	8	1/03	37380	2	34,40,42,43,44,48,51/02; 9,10,17,21,38,39,41, 43/03	43182	4	47,52/02	44051	1	44,48,50/02;1,11,14,22, 25,26,27/03
37140	33	35,49,51/02;4,6,16,24,25, 30,32,42,43,44,45/03	37400	10	34,38,40,41,44,46/02;6, 10,20,31,34,36,41,43,46, 47/03	43204	4	36/03	44057	5	29,30/03
37141	29	36,40,48,51/02;1,4,12,17, 19,24,27,31,45/03	37401	9	44/02;4,6,13,14,16,22,31, 36,43,44,47/03	43223	4	41/02	44061	21	24,32/03
37145	23	46,50/02/4/03	37402	7	41,42,44,50/02;4,13, 14/03	43225	4	52/02	44062	8	28,40/03
37147	15	35,36,40/02;1,10,12,16, 17,19,25/03	37403	23	10,41/03	43260	4	46,47/03	44063	8	17/03
37148	13	35,38/02;4,10,11,27, 51/03	37420	1	34,43/02;1,7,41/03	43261	5	46/03	44064	19	22,28/03
37149	10	44/02	37421	8	14,21,41/03	43262	5	46/03	44065	7	42/02;16,17/03
37150	8	14,19,26,27,32,33,35,37, 39,41,43,46/03	37423	5	14,21,41/03	43264	2	46/03	44066	10	39/02;31/03
37161	14	34,43/02;1,14,19,24,41, 43,46/03	37443	2	38,45/03	43265	2	44,52/02;37,46,47/03	44067	22	16,17,28/03
37162	12	21,26,27,30,32,33,35,37, 39,40,41,43,45,46/03	37445	1	48/02;1,34,38/03	43266	1	47/03	44068	11	44/02;10,11,13,40,51/03
37163	19	32,43/03	37446	2	1,34/03	43270	2	44/02;37,40,47/03	44069	16	11,13,17,22,23,40/03
37164	4	23,26,27,30,32,35,37,43, 46/03	37463	6	1,43/03	43280	5	44/02;37,40,47/03	44070	7	28/03
37165	2	34,36/02;10,12,13,15,21, 23,26,27,28,30,32,34,35, 37,39,43,45,50,52/03	37481	7	47,48/02;6,7,14,30/03	43281	6	27,37,44,46,47/03	44071	4	29/03
37166	2	14,19,21,26,27,30,32,33, 34,35,37,39,40,41,43,45, 46,51/03	37501	3	46,47/02;7,8,20,33/03	43284	4	51/02;40,43/03	44072	4	40/03
37170	11	38/02;14,19,46/03	37505	2	46/02;7,3,34,41/03	43285	5	44/02;44,49,51/03	44075	4	42/02;13,23,40/03
37175	2	5,27,30,45,46,51/03	37506	4	45,46,47,51/02;8,20,33, 48/03	43287	2	27,37/03	44076	3	22,28,30,32/03
37178	20	38/02;27,31,35,49/03	38320	3	35/03	43300	5	44,47,50/02;49,51/03	44081	9	39/02;9,13,46,48/03
37182	14	35,47,48/02;24,27/03	38480	6	48/03	43301	4	45,50/02;49/03	44082	11	9,33/03
37183	9	48,51/02;10,24/03	38528	4	N20/03	43302	4	44,47,50/02	44083	8	9,11,24,25,26/03
37184	8	48/02;5/03	38580	8	18/03	43303	4	41,47,50,51/02;43/03	44084	1	6,11,26/03
37200	15	28,30,35/03	38585	4	18/03	43304	2	44,47,50/02;43/03	44085	2	51/03
37202	2	22,27/03	41000	2	15/03	43320	5	49/03	44100	7	44/02;2,9,11,12,13,22,31, 40,41,46,48,49,51/03
37205	2	39/02;22,24,30,40/03	41060	3	34/02;52/03	43321	6	41,47/02	44105	2	49/02;5,6,8,24,26,27,41, 47,48,52/03
37221	13	34,36/02;6,10,11,12,13, 14,15,21,23,29,30,32,50, 51,52/03	41100	2	N46,N52/03	43323	4	27,49/03	44120	7	2,9,10,15,19,20,22,23,24, 27,33,39,40,41,45,48, 49/03
37222	13	21,22,30,46,52/03	42003	1	N23/03**	43324	4	27,49/03	44140	8	50/02;1,6,19,21,23,24,26, 31,40,44,47,50/03
37223	14	42/02;21,26,27,30,32,34, 35,39,43/03	42004	1	23/03*	43341	7	41/02;12,49/03	44160	7	46/02;1,4,5,6,11,13,14, 15,20,26,31,41,47,48, 49/03
37224	11	22,23,30,37/03	42036	2	43/03	43342	7	26,49/03	44161	2	50/02;1,2,6,10,21,35,39,
37226	17	39/02;8,9,12,14,17,21,23, 51/03	42038	2	43/03	43344	3	39/03	44162	1	50/02;1,24,47/03
37228	14	8,14,23,27,29,30/03	42160	3	7,38/03	43345	4	1/03	44163	1	48/02
37229	15	8/03	42301	3	38,52/03	43360	21	6,10,13,17,20,21,28,30, 32,43,52/03	44165	1	46/02;1,5,6,11,20,22,24, 34,39,45,48/03
37230	14	39/02;28/03	42580	5	40/03	43362	5	44/03	44178	2	2,5,7,10,16,26,27/03
37231	18	6,10,12,14,50,52/03	42600	5	14,30,40/03	43363	5	45/02	44179	2	10,16,35,39,51,52/03
37232	12	29,31/03	42620	5	14,38/03	43364	5	45,46/02	44180	6	34,45,46/02;1,2,5,7,8,9, 20,26,43,48,50/03
37234	13	7,8,31/03	42640	6	38,40/03	43366	4	44/03	44181	5	5,10,13,20,21,27,48, 52/03
37235	11	17/03	42660	5	38/03	43368	5	43,48/03	44182	4	48,49/02;1,2,15,18,27,42, 43,46,48,49/03
37238	6	17,21,30,33,37,40,41, 45/03	42740	5	34,41/02;6,25,31,40/03	43369	6	43,48,50/03	44183	6	48/02;1,6,8,9,10,19,20, 25,27,35,39,43,46,49/03
37241	17	26,27,30,32,33,35,37,39, 43,45/03	42742	3	6,8,30/03	43370	7	47/03	44184	9	45,49/02;2,10,13,20,22, 32,48,52/03
37242	10	26,30,32,35,39,43/03	42760	5	8,19,24,25,47,52/03	43371	13	38,43/03	44185	7	45,49/02;1,2,10,27,32,48, 50/03
37243	7	27,30,32,37/03	42762	3	N25,N30,N47,N52/03	43373	8	45/02;17,20,40,42,49,50, 52/03	44186	2	45,46,48/02;1,2,5,8,9,10, 15,16,25,27,29,49/03
37244	11	23,26,27,28,30,32,33,35, 37,39,43,45,46/03	42765	3	47,50/03	43374	1	43/03	44187	2	5,6,9,13,25,27,39,44,48, 50,52/03
37246	14	21,24,27,30,32,33,35,39, 40,43,45,46/03	43000	4	9/03	43375	7	46/02;6,7,10,12,16,18,23, 42,44,50,51/03	44188	1	46/02;1,2,6,10,21,27,48, 49/03
37248	18	39/02;21,23,24,26,27,30, 32,35,40,41,43,45/03	43015	12	9/03	43377	2	47/03	44189	1	46/02;1,2,6,10,21,27,48, 49/03
37258	4	1,11,22/03	43030	24	2,9,10,11,12,13,15,17,22, 27,28,30,32,46,48/03	43378	2	38/03	44190	1	48,49/02;1,2,15,18,27,42, 43,46,48,49/03
37261	10	1,7,11,20,22/03	43040	6	38,47/03	43382	2	48/03	44191	2	10,16,35,39,51,52/03
37262	20	1,11/03	43058	3	20/03	43384	1	48/02;4,5,6,7,10,11,12, 13,15,16,17,18,23,25,26, 27,32,44/03	44192	1	46,48/02;1,18,23,39,43, 44,48/03
37264	3	1,15,22/03	43060	4	44/02;27/03	43385	1	45,48/02;5,11,13,20,23, 24,26,42,46,49,51/03	44193	1	1,7,15,18,43,48,50/03
37265	3	1,7,17,32/03	43079	2	41/02	43386	2	47/03	44194	9	34,52/02;4,9,12,13,22,27, 37,43,47,50/03
37266	15	1,15,22/03	43080	4	44/03	44001	2	48,49/02;1,6,7,8,9,11,13, 14,15,16,17,18,23,25,26,27, 28,29,49/03	44200	9	34,52/02;4,9,12,13,22,27, 37,43,47,50/03
37268	3	1,7,17,32/03	43082	5	41/02;47/03	44015	8	48,49/02;6,7,8,9,10,11,12, 13,14,24,26,40,44,47, 50/03	44203	1	33,48/02;2,5,15,25,52/03
37271	15	1,15,22/03	43101	3	46/02	44000	16	44/03			
37272	20	1,11/03	43104	4	46/02	44001	2	48,49/02;1,6,7,8,9,11,13, 14,15,16,17,18,23,25,26,27, 28,29,49/03			
37274	11	44/02;27/03	43106	6	44/02;44/03	44015	8	48,49/02;6,7,8,9,10,11,12, 13,14,24,26,36,50/03			
37276	3	44/02;27/03	43125	7	44/03	44030	7	46/02;4,8,9,13,19,48, 50/03			
37278	15	1,15,22/03	43127	5	20						

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
44204	1	48,52/02;2,4,5,7,12,13, 27,50/03	51145	2	42/02;13,22/03	52141	5	48/02;41,44,46,49/03	53264	5	17/03
44205	2	48,52/02;2,5,7,12,15,19, 22,26,27,29,31,39,43/03	51146	3	42,52/02;5,36/03	52142	2	12,18,23,29/03	53265	6	35,41,46,52/02;15,16/03
44206	1	46/02;4,5,13,16,17,19,24, 28,40,46/03	51150	1	50,51/02;1,13,15,22,33, 40,46/03	52143	8	18/03	53266	4	1,8,13,17/03
44207	1	4,5,17,19,23,28,40,41,45, 46,50/03	51154	3	50,51/02;13,15/03	52144	5	50/02;3,7,8,10,14,16,18, 21,23,47/03	53268	4	42/02;7/03
44220	5	46/02;4,5,13,16,21,40,45, 46,48/03	51155	1	50,51/02;1,15,22/03	52160	7	50,52/03	53269	5	17/03
44221	1	19,21,52/03	51158	2	6/03	52161	14	6,11,14,52/03	53279	3	7,15/03
44222	1	6,13,21,24,48/03	51159	3	47/02;39/03	52164	2	14/03	53281	4	40,52/02;15,18/03
44224	1	49/02;5,20,21,24,42/03	51160	20	48,50,51/02;1,4,5,6,7,14, 15,21,22,45/03	52170	3	14,16,42,52/03	53282	8	40/02
44225	1	49,50/02;4,7,13,14,15,16, 19,21,39/03	51163	4	4,43/03	52172	2	40/02;1,52/03	53283	4	33,52/02;40/03
44226	1	6,13,21,24,48/03	51164	18	38,45,46,50/02;2,4,8, 43/03	52180	14	42,43,51/02;1,8,10,13,15, 16,50/03	53285	4	35/02;7,15/03
44227	1	49/02;5,20,21,24,42/03	51165	8	45,50/02;2,4,8,10,14,16, 39/03	52183	9	52/03	53287	6	35,42/02;1,5,7,8,10,15, 22/03
44240	8	49,50/02;4,7,13,14,15,16, 19,21,39/03	51166	3	N45/02;N39/03	52200	8	7,17/03	53290	1	35/02
44243	2	5/03	51167	6	45,50/02;2,4,8,10,16/03	52220	7	27/03	53301	4	22/03
44260	7	2,5,6,13,21,48,52/03	51168	2	45,46,50/02;2,4,8,45/03	52221	7	27/03	53302	4	51/02
44280	9	34,49,50/02;2,6,12,15,19, 22,34,44,47,50/03	51170	5	13,16/03	52223	4	27/03	53303	6	49,51/02
44281	2	49/02;12,15,19,21,22,27, 45,49,50/03	51200	4	14/03	52240	9	27/03	53306	2	39/02;31,43/03
44282	1	49,50/02;13,17,19,21, 26/03	51220	8	33/02;18,43,45,46/03	53011	2	51/02	53311	3	39/02;37/03
44283	2	50/02;8,21,43,45,49, 50/03	51222	6	51/02;16/03	53031	1	39,48/02;5,12,14,24,31, 49/03	54040	3	37/02;6,10,20/03
44284	2	41/02;6,42,44/03	51223	2	17,18/03	53058	2	4,37/03	54041	7	35/02;4,8,16,17,24/03
44285	1	2,15,40,44,47/03	51240	2	33/02;43,46/03	53060	14	51/02;4,5,9,10,12,14,31, 36,39,44/03	54043	2	17/03
44286	1	2,27,40,47/03	51260	4	37,50/02;16,18,28,43,44, 52/03	53061	10	44,47/02;12,16,17,38, 44/03	54060	5	37/02;16/03
44310	5	41,42/02;7,37,50/03	51261	23	5,6,13,15,19,40,46/03	53062	13	1,14,16/03	54061	11	52/02;42/03
44313	1	41,47/02;36,37,39,40/03	51263	23	49/02;13,17/03	53063	9	33*,37/03	54063	3	1,13/03
44319	2	41,42/02;4,6,9,10,P20, 26,27,28/03	51341	23	48/02;6,16,34/03	53064	6	33/02;10,20,39/03	54081	3	10/03
44320	4	6,8,9,15,P20,25,26,37,49, 50,51/03	51342	3	1/03	53065	2	33/02;39/03	54085	2	40/02;15,24,42/03
44321	6	40/02;6,8,44,45/03	51344	2	5,7,16,18,44/03	53066	2	33/02;20,39/03	54090	3	46/02*,11,15,19/03
44340	11	37/02;4,6,8,9,15,17,P20, 26,33,37,49,50,52/03	51380	5	47/02;42/03	53081	8	4,5,11,16/03	54095	3	46/02*,8,15,30,42/03
44341	7	37,41/02;7,9,P20,26, 52/03	51420	5	42/03	53082	13	40/02	54105	3	46/02*,11,17,19,50/03
44342	8	37,41/02;6,52/03	51440	4	42/03	53083	8	9,10,21,22,41/03	54115	3	46/02*,15,30/03
44352	2	4,6,7,8,12,15,17,19,49/03	51500	6	20/03	53084	6	51/02;14,16/03	54120	5	37,39,41/02;15,17,19/03
44360	9	34,37,41,42/02;4,9,10,20, 27,28,30,31,32,37,39,44, 52/03	51540	3	22,45/03	53085	6	51/02;14,16/03	54125	3	46/02*,15,17,30,47/03
44361	6	4,10,15,21,26,27,28,35, 52/03	51559	3	41/02	53086	8	46,48/02;17/03	54131	2	50/03
44365	1	7,8,26,27,43,52/03	51560	11	50/03	53087	9	48/02;17/03	54140	7	41/02;15,30,47,51/03
44366	1	34,41/02;44,52/03	51562	10	50/03	53088	7	33/02	54151	1	3,42/03
44367	2	35,37,40/02;6,39/03	51580	13	41/03	53089	4	21,22,23,41/03	54161	12	10,20,21/03
44400	7	10,12,19,24,41,49/03	51600	12	20,39/03	53090	1	41/02;50/03	54165	2	33,37/02;38/03
44410	4	4,6,11,12,13,14,15,23,24, 26,27,41,45,49,50/03	51620	10	20,39/03	53093	2	41/03	54166	3	10/03
44420	6	36,49/02;8,9,10,11,12,14, 17,22,25,27,40,44,49/03	51621	9	20/03	53100	16	33,39,42,51/02;6,10,13, 18,20,21,24,31/03	54167	2	20/03
44430	2	6,10,11,14,19,24,25,40, 44,47,52/03	51641	4	32,34,40/03	53101	7	33/02;8,13,16,24/03	54168	1	37/02;10,17,38/03
44444	6	9,12,30,34,35,36,38,41, 52/03	52031	1	6,21,48,49/03	53104	2	35,42/02;20,24/03	54169	3	37/02;17,38/03
44462	4	27,39/03	52039	4	5*,7,8,9,13,14,18,21, 45/03	53105	20	37/02;8/03	54180	6	41,43,50/02;5,30,42,47, 51/03
44463	9	24/03	52040	17	43,50/02;13,16,18,34/03	53106	6	21,33/03	54181	7	48/03*
44465	2	6,25,47/03	52042	6	22/03*	53107	16	35/02;6/03	54195	2	5,51/03
44481	2	24,26,31,50/03	52043	21	46/02;6,7,4,8,50,52/03	53110	1	40/02;10,15,17/03	54200	4	5,8/03
51007	22	38/02;7,27,33,40/03	52045	6	36/02	53111	3	44/02*	54201	6	8/03
51013	4	38/02;7,21,33,36,45/03	52046	21	50/02;6,7,16,18,21/03	53120	14	39,42/02;5,6,7,13,17,31, 35/03	54222	4	43/02;20/03
51017	31	37/02;24,40,44/03	52047	11	7,8,34/03	53122	3	40/02;7,8,16/03	54223	2	8/03
51022	11	37/02;44/03	52048	3	8/03	53123	3	7,29/03	54224	2	8/03
51027	8	45/03	52051	1	43/02	53125	2	46,51/02;13/03	54226	2	50/02;47/03
51032	10	45/03	52052	1	43/02	53130	1	42,47/02;10,13,18/03	54227	2	50/02;47/03
51061	14	7,15,17,19,21,22/03	52054	1	44/03	53133	4	33*,45/03	54228	7	13/03
51062	28	15,17,19,22/03	52055	1	44/03	53135	2	51/02;7/03	54229	8	1/03
51064	2	52/02;1,17/03	52084	2	45/02;4,10,11,12,14, 18,26,34/03	53141	5	34,51,52/02	54302	1	21/03
51081	10	5,6,13,15,17,21,22,45/03	52085	3	50,51/02;4,11,16,46/03	53147	3	36,39,42,51/02;6,7,10,13, 17,20,35/03	54318	3	1,14/03
51082	7	5,7,13,15,17,21,22,45/03	52086	2	45,50,51/02;1,4,9,11,14, 36/03	53160	14	51/02;3,6/03	54320	4	48/02;1,24,25/03
51091	1	33,45/02	52087	1	51/02	53161	8	51/02;3,8,13,18/03	54321	2	25/03
51102	8	45/03	52088	2	45/02;4,10,11,12,14, 18,20,26,49/03	53162	7	50/02*,15/03	54322	7	1/03
51103	10	33,45/02	52120	12	51/02;6,11,16,18/03	53164	9	37,51/02	54329	4	5/03
51104	1	33,45/02	52121	8	45,46/02;1,6,8,11,16, 23/03	53165	13	39/02;8/03	54332	3	25/03
51120	6	6/03	52122	14	45/02;11,14/03	53181	4	34/02;1,13,21/03	54333	3	25/03
51135	1	22,46/03	52124	1	51/02	53182	4	36/02;15,16/03	54334	3	5/03
51142	2	6,13,15,22,33,40,45/03	52125	1	45,46/02;8,11,16,18/03	53184	5	35/02;1,6,13,18,20/03	54335	3	24/03
51143	4	6,40,45/03	52140	6	48,50/02;3,12,18,29,46, 49,52/03	53200	6	20,30/03	54339	8	12/03
51144	3	52/02;1,15,46/03				53201	6	51/02;18,21,38/03	54340	8	48,51/02;3,4,24/03
			52088	2	45/02;4,10,11,12,14,18, 20,26,49/03	53203	11	5/03	54341	4	23/03
			52092	1	46,51/02;16,48/03	53204	10	44/02;5/03	54343	10	48/02;4,5,11,12,13/03
			52120	12	51/02;6,11,16,18/03	53205	3	5,26/03	54344	6	48/02;24/03
			52121	8	45,46/02;1,6,8,11,16, 23/03	53206	6	5,25/03	54346	8	11,12,13/03
			52122	14	45/02;11,14/03	53220	6	36,43,51/02;5,6,13,7,	54347	4	51/02
			52124	1	51/02	53224	12	52/02;1,13/03	54350	4	51/02;37/03
			52125	1	45,46/02;8,11,16,18/03	53244	2	1/03	54351	7	52/02;26/03
			52140	6	48,50/02;3,12,18,29,46, 49,52/03	53262	7	42/02;21/03	54352	3	52/02;1,3,33,37/03
						53263	1	37/02;17/03	54359	2	38/03

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
54364	2	52/02	55180	2	33/02;1,15,29,33,36,39, 42,45,46,47,52/03	61311	5	33/02	62434	9	40,46,52/02;8,12,17,18, 21,23,43,50/03
54365	6	36/02;11,21/03	55190	2	6,20,27,39,40,51,52/03	61312	3	33/02	62437	10	30*,32,35,37/03
54368	4	50/03	55200	2	8,10,20,25,26,27,28,32, 33,36,39,42,45,46,47,50, 52/03	61331	4	7/03	62439	4	1/03
54369	4	52/02;20,21,34,50/03				61400	2	7/03	62440	8	16*,41/03
54380	6	42/02;3,16,18,28,34/03				61410	2	7/03	62441	10	36/02
54382	9	16,28,40/03				61430	2	7/03	62442	6	24/03
54386	10	42/02;16,18/03	56011	1	50,52/03	61433	1	7/03	62446	3	43/03
54387	7	42/02;16,18,30,39,42/03	56031	1	1,2,17,21/03	61434	2	7/03	62453	4	16*,50,52/03
54389	8	43,52/02	56041	4	21/03	61541	8	41/03	62455	7	39,43/02
54400	8	43/02;3,16,22,30,36, 37/03	56044	3	38/02	61542	6	41,46/03	62457	6	11/03*
54402	4	52/02	56060	9	27*,38/03	61560	2	7/03	62459	2	6,41/03
54403	4	43,52/02;24,30,36/03	56063	1	16/03	61562	2	6/03	62460	4	33/02;10/03
54407	4	43/02;3,7,16,30,37,49/03	56064	6	38/02;2,16/03	61581	5	28/03	62464	2	49,50/02;4/03
54409	2	7,8,12/03	56065	3	33,38/02;16,38/03	61582	4	28/03	62480	2	16*,18,32,41/03
54413	3	37/03	56067	3	48/02*,20,38/03	61591	4	28/03	62490	2	16*,17,18,21,32,50/03
54415	5	33,37/03	56081	19	41/02	61610	7	34/03	62498	4	4,9,31/03
54417	1	30/03*	56082	16	29/03	61611	11	34/03	62499	4	49,50/02;4,9,31/03
54418	4	43/02;3,7,16,30,37,49/03	56100	14	33/03*	61612	4	34/03	62510	3	11*,12/03
54419	2	3/03	56101	6	33/02;1/03	61650	3	12/03	62512	3	N11*,N12/03
54421	6	47/02;36,41,43,46,49/03	56102	23	1/03	62000	20	46/02	62515	2	45/02
54422	4	46/03	56103	6	1,33/03	62001	5	11*,28,50/03	62520	6	20*,28,32,41/03
54423	5	48/02*,17/03	56104	3	22/03*	62024	13	38,40/02;29/03	62521	4	N20*,N28,N32,N41/03
54430	1	37,43/02;36,43/03	56105	1	38/03*	62028	15	10/03	62530	6	20*,28,32,52/03
54440	4	41/02;17,38/03	56120	12	1/03	62032	16	11*,17,21,41/03	62531	4	N20*,N28,N32,N52/03
54441	6	42/02;2/03	57000	10	43/03	62033	3	N11*,N17,N21,N41/03	62540	6	34,40,45,48,50,52/02;8, 12,17,18,21,30,35,43, 50/03
54462	5	17,51/03	57029	9	12/03	62046	3	19/03*	62541	3	N34,N40,N45,N48,N50, N52/02;N8,N12,N17, N18,N21,N30,N35,N43, N50/03
54464	5	17/03	57035	10	10,12,23/03	62050	6	44/02			
54480	8	36,41/02;2,17,21/03	57060	7	43/03	62092	7	41/02	62550	3	16*,28,32,52/03
54481	8	36/02;33,43/03	57063	5	40,41/02	62093	7	41,49/02	62560	4	16*,18/03
55001	4	36,37,42/02;14,15,28,29, 33,35,36,39,43,44,52/03	57064	3	41/02	62095	3	11*,32/03	62570	4	33,34,36,40,45,48/02;8, 12,17,18,30,35,37,43, 50/03
55040	4	39,41/02;16,20,21,35,36, 39,41,42,50,52/03	57101	18	41/02	62097	6	38/03*	62572	1	50/03*
55041	7	21,43,49,50/03	57102	2	16/03	62098	7	33/03*	62580	3	33,45/02;12,35/03
55042	1	42/02;17,35,37/03	57140	10	43/02	62100	6	P23,26/03	62590	2	36,40,46,48/02;8,12,17, 18,21,23,30,37,43,50/03
55043	2	37,39,42/02;37,52/03	57141	14	43/02	62110	9	P23,26/03	62591	3	N36,N46,N48/02;N8, N12,N17,N18,N21,N23, N30,N37,N43,N50/03
55044	5	41,43/02;16,42,52/03	57142	6	43/02	62140	1	34,40/02	63000	13	48/02;40/03
55045	2	41/02;39,52/03	57160	10	43/02	62142	10	32/03	63005	18	16/03
55046	4	37,38,39,41,48/02;18,19, 35,36,41,46,50/03	57162	7	43/02	62143	3	32/03	63010	14	52/02;44/03
55047	8	41,49,51/03	57165	1	43/02	62170	2	38/02	63015	11	38,40,52/02;9/03
55048	12	36,37,39,41,48/02;20/03	57200	6	11,52/03	62171	4	38,47/02	63020	15	4,9,11/03
55049	6	41,43/02	57201	5	52/03	62188	3	50/03	63040	2	46/02;52/03
55060	7	36,37/02;28/03	57220	4	11/03	62191	15	11*,15,28/03	63050	2	46/02;45/03
55061	1	28/03	57241	12	31/03	62194	8	36/02;4/03	63053	4	39,45/03
55062	5	28,33/03	57242	8	41/03	62202	9	21/03*	63055	2	39/03
55063	1	6,44/03	57245	1	41/03	62230	2	50/03	63060	7	45/03
55064	3	37,48/02;6/03	57260	3	23/03	62241	10	9/03	63062	7	7,16,18,37,44,50/03
55082	9	5,25,32,44,46,50/03	57261	2	23/03	62242	11	47/02;9/03	63063	9	20/03
55084	7	39/02;39/03	57262	4	23/03	62250	4	34,38/02;32/03	63065	6	44/03
55085	9	5,31,33,36,39,46,50/03	57381	12	52/02;15,16,23/03	62270	4	37,41/02;29,32/03	63070	3	16/03
55100	8	36,37/02;6,28,29,33,34, 39,43,44/03	57400	4	12/03	62271	5	37,41/02;10/03	63080	5	48/02
55101	4	7,25,32,34,38,39,42,43, 46,50/03	57408	2	12,24/03	62290	3	37,41/02;10,21,P23, 26/03	63090	8	15,30,40/03
55102	3	4,5,15,25,32,36,43,46,50, 52/03	57460	4	10,12,29/03	62295	3	21,P23,26/03	63091	4	39,48,52/02;9/03
55103	2	48/02;1,4,5,7,15,19,20, 25,26,27,31,35,36,38,42, 43,45,46,50,52/03	57471	3	12,15/03	62302	2	4/03	63100	2	44/02;30/03
55104	2	48/02;4,5,7,14,19,31,33, 36,45,46,52/03	57472	2	12/03	62310	2	29/03	63101	15	15,30,40/03
55105	7	36,41,42/02;14,15,29,33, 36,42,43,48,52/03	57480	8	12,15,23,27/03	62330	2	38,40/02	63102	19	15,30,40/03
55110	2	37/02;6,29,43,44,51/03	57484	19	15,23,24,27/03	62340	3	38/02	63103	17	15,16/03
55120	2	36/02;6,14,28,33,34, 42/03	57488	6	24/03	62350	3	10/03	63110	4	40/02;16/03
55127	2	10,14,24,27,32,36,51/03	61000	20	10,15,23,27,31/03	62355	6	8,29/03	63111	9	48/02;9/03
55128	2	33,36,38/02;1,4,5,8,14, 26,27,28,32,34,43,50/03	61020	2	27/03	62360	5	38/02;12/03	63120	2	44,48,52/02;8/03
55129	7	33,36,37/02;6,15,27,34, 35,42,45,46/03	61036	8	7/03	62361	2	N38/02;N12/03	63121	5	48/02;5,8/03
55130	2	45/02;5,14,19,32,33,34, 39,42,46,50/03	61040	6	10,31/03	62366	4	33/03*	63200	5	52/02;30/03
55131	1	36,45/02;6,19,25,38, 39/03	61050	4	10,15,31/03	62391	5	33/03*	63201	9	40/02;30/03
55133	3	5,14,34,36,38,46/03	61051	7	15,24/03	62393	7	34,37,50/02	63205	2	30/03
55138	4	52/03	61060	5	12,27/03	62394	10	34,37,50/02	63210	3	45,52/02;16,30/03
55139	5	41/02	61061	5	12,18,24,27,35/03	62395	3	25/03/*	63220	5	45,52/02
55140	2	1,5,14,29,33,34,35,36,42, 45,46,47,52/03	61091	5	12,18,24,27,35/03	62400	17	33/02;4,9,31/03	63230	6	45/02
55150	2	37/02;15,36,48/03	61142	6	38/02;7,35,39/03	62404	7	10/03	63231	8	45/02
55160	2	42/02;29,41,42/03	61180	4	38/03	62409	6	7/03	63232	3	45/02
55161	1	17,41,42/03	61190	4	39,41/02	62411	1	52/02	63240	4	19/03
55170	2	36,41/02;46/03	61204	5	13/03	62412	12	52/03	63250	6	40/02;11/03
			61300	2	7/03	62413	8	37/02	63252	1	33/03
			61310	2	33/02;7/03	62420	5	33,37,39/02;8,52/03	63271	8	52/02;8/03
						62420	9	39,43/02	63290	7	38/02;10,22/03
						62421	12	33/02;8/03	63291	9	33/02;16/03
						62422	9	39,43/02	63310	5	11/03
						62423	17	13*,30,50/03/*	63320	8	37,49/03
						62423	12	34,45/02;1/03	63321	6	42/02;9,37,49/03
						62433	12	9,49/03	63322	2	9,49/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
63330	9	39/02;4/03	71455	2	11*,23/03	74153	2	36,44/02;2,27,41/03	74485	3	43/02
63337	15	39/02;4/03	71460	1	41/02;23/03	74162	4	36,46,47/02;8/03	74493	3	38,43,45/02
63370	1	20/03	71470	2	38/02;14/03	74171	4	33,36,47/02;3,10,18,20, 40/03	74494	2	41/02;8,9,16/03
63400	1	39/02;8,11/03	72000	8	35,47,50/02;2,20,21,23, 24/27/03	74172	5	36,47/02;7,10,18,40/03	74510	2	33,35,37/02;5,10,17,18, 35,38/03
63410	6	39/02;8,9/03	72007	10	36,38,47,51/02;2,5,7,11, 27,50/03	74181	8	33,35,37,38,39,47/02;10, 34/03	74515	4	33,35,39/02;4,7,10,31, 35/03
63413	5	39/02	72014	10	46/02;7,19/03	74182	12	33,35,37,38,39,41,42,44, 51/02;6,10,17,25,34,38, 39,40,41,42,49/03	74517	3	39,41/02;4,31/03
63417	2	39/02	72021	8	36,38,47,50,51/02;7,20, 23,27,50/03	74183	11	38,39,42/02;4,6,17,25, 38/03	74521	3	41/02
71005	1	34/02;2,6,12,13,16,23/03	72028	7	34/02;22/03	74184	10	33,35,37,38,46,48/02;17, 34/03	74530	2	44/02;36,49/03
71006	5	39/02;23/03	72035	8	8,21,27/03	74186	7	34/02;4,10,17,21,27,30, 36/03	74555	3	34,43,44,48,51/02;5/03
71009	3	39,46,48/02;1,6,7/03	72045	2	8,27/03	74190	7	35,36,37,46/02;1,16,31, 34,39/03	74560	10	40,43,46,48,50/02;4,5,18, 31,32/03
71012	3	33,39,46/02;1/03	72050	4	23/03	74191	2	35,46,48/02;1,7,9,29/03	74561	2	5/03
71015	4	23/03	72060	8	50/02	74192	3	35,46/02;1,40/03	74581	9	34,36,40,41,43,45/02;27, 31,39,48/03
71018	10	33,35,37/02;7,12,13,15, 21,25,26,27/03	72070	4	2,9/03	74200	8	37,46/02;1,8,32,40/03	74582	9	40/02;17,20,27,31,39, 48/03
71027	9	34,38,45,49/02;2,4,5,14, 18,23,33/03	72075	2	9/03	74201	9	32/03	74583	15	34,40,43,44,48/02;38, 48/03
71033	31	37,38,49/02;3,12,14,15, 23/03	72080	7	51/02;2,9/03	74202	3	1,7,27/03	74584	5	34,41,43,45/02;26,27,36, 38,39,48/03
71036	8	35,44/02;12,14,23,26/03	72085	3	15*,50/03	74204	5	37/02;1,7,8,32,40,46/03	74590	2	51/02
71040	5	34,42/02;7,47/03	72094	2	38/02;7/03	74205	2	27,32,35/03	74591	7	40/02;8,38/03
71042	1	34/02	72100	7	7,19/03	74206	2	34/02;27,32,35/03	74595	2	42/03
71045	2	23/03	72103	2	4,6,7,19/03	74210	7	7,17,37,46/03	75000	6	47/02;6,31/03
71058	2	36/02	72105	2	36,38/02;7,11,19,50/03	74220	8	35,47,51/02;30,37,46, 50/03	75001	3	47/02;5,6,31,32/03
71059	1	36/02	72107	2	7,19/03	74221	2	35,51/02;30,38/03	75010	7	41,42,50/02
71061	15	36/02	72109	3	42,44/02	74229	2	33,37,43,47/02;18,26, 50/03	75025	9	36,39/02;2,4,8,25,27,36, 38,39/03
71066	1	39/02;6,7,10,24/03	72111	10	10/03	74230	7	39,42/02;5,7,36,46,50/03	75035	18	36,39/02;2,6,26,27/03
71081	3	21/03	72118	2	36/02;7,11,50/03	74231	7	35/02;3,21,36,50/03	75051	6	5/03
71091	4	1,2/03	72190	2	10/03	74232	9	5,7,21/03	75110	2	50/02
71140	6	33,39,46/02;1/03	72201		8/03	74234	1	8,17/03	75120	2	42/02
71180	29	33,37/02;7,12,13,15,21, 23/03	72211	6	43/02;5,8/03	74240	8	34,39,42/02;4,5,7,8,9,41, 46/03	75130	16	34,41,50,51/02;5,7,8,16, 19,25,26,37/03
71185	24	7,13,15/03	72223	8	27/03	74251	8	34,37,42,44,46,51/02;6,9, 17,21/03	75131	7	17,39/03
71186	2	7/03	72231	8	21/03	74252	9	47/02;5,7,9/03	75132	11	17,19,25,29,32,35/03
71210	18	44/02;3,23,27/03	72234	2	18,19/03	74253	6	47/02;8,9,16,20,21,30/03	75134	3	33,51/02;5,19,29,37, 45/03
71211	4	38/02	72236	1	9,12/03	74261	9	41,49/02;4,10,30,39/03	75142	5	36,42,50/02;35/03
71212	1	38/02	73000	9	40,52/02;10,20,21/03	74265	2	38,41,43,47,49/02;7,9,16, 21,30/03	75143	4	33,36,38,42,50/02
71230	11	38,02;6/03	73002	4	5,11/03	74270	3	38/02;7,38/03	75144	3	33,36,42,51/02;4,10,18, 25,30,38/03
71241	10	6,12,16,20/03	73008	8	11,13,23/03	74271	9	38,46/02;19,26,27,29,30, 38/03	75150	5	50/02;16,19,26/03
71243	5	15/03*	73012	6	11/03*	74272	7	4,19,29,30/03	75160	6	17,18,19,25,32/03
71247	18	5,6,8,14,17,21,22/03	73014	10	48,52/02	74273	5	38,41,43/02;7,19,27/03	75170	12	38,39/02;8,25,38/03
71248	2	N51/02*N1/03	73016	4	44/02	74281	7	3,30,52/03	75171	22	33,36,38,40,42,48,52/02; 1,6,16,26,35,38,40,44/03
71249	2	35/02	73020	9	9,21,22/03	74283	2	46,49/02;27,52/03	75172	5	39/02;49/03
71251	11	35,40/02;1,15,21,50/03	73024	3	39/02	74285	2	34,35,45/02;1,9,16,38, 50/03	75173	9	33,36/02;1,6,20,26,35,38, 40/03
71253	10	35,40,42/02;5,6,7,13,14, 16,17,21/03	73030	4	22/03	74286	2	29,35/03	75175	9	33,38,40,45,50/02;6,
71255	6	28/03*	73032	4	9,22/03	74287	2	34,38,52/02;9,47/03	75176	9	42,50/02;25,26,32,40, 44/03
71257	2	5,6,7,12,13,16/03	73041	2	5/03	74289	5	9/03	75177	7	38,48,50,52/02;6,26,
71258	2	35/02;5,6,7,13,22/03	73191	3	7/03	74290	11	34,39,45,46,48,49,51/02; 1,7,9,10,16,27,30,38, 50/03	75178	2	36,52/02;3,33,38,39/03
71259	3	15*,17,19,44/03	73271	7	13/03	74292	8	34,38/02;9,27,52/03	75179	2	47/02;8,36/03
71261	8	35/02;2,16/03	73552	4	34,45/02;1,7,9,10,38/03	74293	7	34,45,48/02;7,19,27/03	75180	2	8,25,38/03
71262	7	6,33/03	73570	7	34,45/02;2,10,03	74294	3	34,45/02/3,34,45/02	75185	2	47/02;8,36/03
71265	3	46*,49/02;7,13,15,16, 20/03	73580	4	52/02;43/03	74295	3	4,9,27,29,35/03	75190	2	47/02;25,36/03
71271	10	34,52/02;19/03	73590	6	47,52/02;36,43/03	74296	4	34,38,49/02;9,27,52/03	75191	6	37,38,43,47/02;8,19,30, 34,36,38/03
71272	10	34/02;19/03	73601	3	34,35,47/02;43/03	74297	2	34,38,52/02;9,47/03	75193	6	49/02;1,5,7,10,16,19, 35/03
71273	2	51/03	73631	4	36,46/02;1,7,14,40/03	74298	5	9/03	75207	2	36,52/02;4,16,33,37,43, 49/03
71275	3	35/02;2,6,16,19,33/03	73640	5	36/02;16,40/03	74299	11	34,39,45,46,48,49,51/02;	75208	2	50/02;30,33/03
71281	7	51/02;34/03	73650	5	40/03	74300	3	35/02;8,18,41,43/03	75213	2	36,52/02;33,38/03
71285	3	34,52/02;13,19/03	74000	6	36,47/02;2,7,18,41/03	74304	3	16/03	75215	2	36,39,40,52/02;7,33, 38/03
71295	2	34,39,40,52/02;12,19/03	74002	2	35,47/02;31/03	74305	4	16,44/03	75216	6	33,48/02;3,19,37,40/03
71305	2	34,36/02;2,13,23/03	74003	5	47/02;7,10,31,34/03	74306	5	43/02;9,16,44/03	75217	12	36,39,49/02;4,20,26, 39/03
71311	4	7/03	74004	2	35,37,39,47/02;9,30/03	74307	4	8,9,26/03	75220	12	36,39,49/02;4,20,26, 39/03
71313	8	45/02	74005	2	34,35,46,47,51/02;4,7,9,	74308	4	34,38,49/02;9,27,52/03	75222	8	35,40/02
71314	5	6,10/03	74007	1	36/02;46/03	74309	7	39/02;25,49/03	75240	4	36,39/02;2,4,27,39/03
71315	2	34/02	74008	6	51/02	74310	3	39/02;2,03	75241	6	34,36/02;26,35/03
71320	1	35/02;5,14,33,38/03	74009	10	38,49/02;8,9,21,36,44/03	74311	3	49/02;2,37/03	75245	5	33,48/02;3,19,37,40/03
71325	8	5/03	74012	10	37,40,49/02;6,8,19,20,27,	74312	3	38/02;7/03	75251	5	33,48/02;3,19,37,40/03
71330	13	35/02;5,33,38/03	74012	30	36,37/03	74313	1	39/02	75256	6	33,36,48/02;3,6,26,31, 38/03
71331	11	5,7,8,33,38/03	74015	10	40/02;21,31,36/03	74314	2	49/02	75262	6	38/02;16/03
71333	2	6,7,33/03	74016	3	27,42,48/03	74315	2	9,36,38/03	75263	9	5,26,31/03
71335	2	8,38/03	74017	4	37,45/02;18,31,38/03	74316	2	8/03	75264	17	33,34,37,41,42,44,45/02;
71340	11	40,46/02;2,4,5,6,7,33/03	74018	6	44/02	74317	2	44/02;42,48/03	75265	2	2,27,32/03
71343	3	7/03	74020	4	33,37,38,43/02;5,18,31,	74318	2	44/02			
71348	3	35/02;7,23/03	74020	38/03		74319	3	26/03			
71349	2	23/03	74021	7	33,35,39,44/02;7,10,26,	74320	3	35/02;8,18,41,43/03			
71350	8	5,6,7,14/03	74021	31,35/03		74321	7	39/02;25,49/03			
71400	5	14,23/03	74022	1	41/02;23/03	74322	4	34,45,48/02;9,16/03			
71401	1	40,46,51/02;5/03	74024	7	44/02;36,49/03	74323	5	49/02;2,3			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
76015	1	35,40/02;28,45,52/03	91340	3	42/03	94080	7	33,44,48/02;10,19,22,32, 51/03	95102	8	38,42,45,46,47,48,50, 52/02;1,4,5,8,13,14,17, 23,25,27/03
76030	9	49/02;52/03	92006	5	45,46/02;5/03	94082	8	44/02;8,19,22,51/03	95103	8	42,43,45,47,52/02;4,6,7, 10,12,19,27,28,31/03
76040	8	47/03	92025	3	42/03	94083	12	44/02	95120	7	42,43,52/02;1,4,14,21, 26/03
76050	8	49/02;18,28,52/03	92030	4	42/03	94120	6	33,38,48,52/02;9,10,17, 18,21/03	95138	8	45,46,48,49,50,52/02;8, 16,17,19,23,24,25,27,28, 30,35,36/03
76052	8	4,5,28/03	92033	5	45/02	94122	7	40/02;35/03	95140	15	38,40,41,44,48,49,52/02; 1,7,8,9,10,17,21,24,25, 27,29,33,35,37,51,52/03
76054	5	49/02;52/03	92150	3	43/03	94123	9	33,38,42,44,52/02;9,10, 15,17,18,28/03	95141	8	45,47,50,52/02;1,6,7,8, 17,19,21,23,25,29,37, 51/03
76056	3	9,37/03	92160	3	43/03	94124	13	38,42,44/02;10,15,17,25, 28/03	95142	9	50,52/02;8,10,19,23, 29/03
76060	7	40/02;52/03	92170	3	43/03	94127	2	33,38/02;6,9,13,16,18/03	95143	11	40,45,47,48,49,50/02;1,5, 6,7,8,9,10,11,12,13,16, 17,19,23,24,25,27,28,30, 36/03
76061	3	40/02;9,52/03	92290	2	19/03	94160	7	33,38,44,46,47,50,51, 52/02;9,10,12,16,17,18, 19,28,31,41,42/03	95144	9	38,41,46,48,50,52/02;1,6, 8,9,10,11,13,16,21,23,24, 35,37/03
76070	9	35/02;28,45,47,51/03	92296	3	19/03	94164	2	46,50,51/02;12,16,19,41, 42,43/03	95146	14	36,38,39,40,41,44,46,47, 48,50,52/02;1,8,9,16,21, 23,24,31,32,35,37,48/03
76071	9	35/02;28/03	92410	3	42/03	94165	4	50/02;18,24,43/03	95147	13	39,41,44,45,46,47,48, 49/02;1,5,9,19,23,25,28, 29,31,32,35,36/03
76080	8	1,18,47/03	92450	3	42/03	94180	9	42,44,47,50,51/02;23,28, 44/03	95149	9	34,36,37,38,41,43,48,49, 52/02;8,9,19,24,25,27,30, 32,35,52/03
76081	7	28,37/03	92560	4	45/02	94184	2	N51/02	95151	17	34,36,37,38,40,47,50/02; 1,5,19,23,28,29,30,37/03
76083	3	1,37/03	93006	2	39,45/02;4,8,10,43,44, 48/03	94187	3	14,23,36,45,46/03	95152	5	37,38/02;6,9,19,28,30,31, 32,35/03
76120	6	45/03	93010	6	38,40,41/02;2,13,14,18, 24/03	94188	2	44,46,47,51/02;8,28/03	95153	2	34,36,37,38,43/02;19,25, 32/03
76121	8	47/03	93014	8	1,14,18,24/03	94190	9	42,44,47,50,51/02;23,28, 44/03	95160	13	41,42,47,52/02;1,6,8,9, 11,17,19,21,24,25,27,33, 36,40/03
76140	7	46/02	93018	8	1,14,18,24/03	94203	10	41,42,44,46,47,52/02;10, 11,24,41,42/03	95161	16	40,45,48,50/02;1,5,6,8,9, 10,17,19,23,25,27,30, 37/03
76141	8	46/02;28,37,45,52/03	93020	2	38/02;4,13/03	94206	3	41,42,44,47,52/02;11,19, 44/03	95162	2	40,44,47/02;10,14,19,30, 35/03
76142	1	46/02;37,45/03	93025	5	45/02;45/03	94207	5	N42,N44,N47,N52/02; N11,N19/03	95163	2	1,6,9,10,13,14,17,21/03
76144	1	28/03	93030	6	45/02	94208	6	N44/02	95164	4	43,48/02;1,6,9,27/03
76146	1	28,45/03	93032	3	45/02;24/03	94210	1	51/02;24,28/03	95167	10	44/02;1,6,9,11,14,17, 21/03
76147	1	28/03	93043	1	45/02	94212	1	47/02;46/03	95169	2	44,50,52/02;11,16,23/03
76150	6	35/02	93046	1	45/02;5/03	94219	4	41,42,47,49/02;8,10,11, 17,18,33,42,44,47/03	95171	1	1,6,9,21,37/03
76160	4	28/03	93047	2	45,49/02;24/03	94220	4	41,42,47,49/02;8,10,11, 17,18,33,42,44,47/03	95172	1	1,9,21,32/03
76161	10	40/02;47/03	93048	1	35,49/02;5,14,33/03	94228	6	46/02/2;8/03	95173	1	50,52/02;1,28/03
76162	1	18,28/03	93049	1	45/02;4/03	94230	7	46/02;8,12,8,12,32/03	95174	1	50,52/02;12,27/03
76170	7	28,52/03	93061	4	45/02	94232	2	1,7,31/03	95176	2	8,11,30,35/03
76180	1	28/03	93101	2	N34,N38/02;N2/03	94238	7	46/02;8,12,8,12,32/03	95177	1	41,50/02;9/03
81004	3	37*,43/03	93110	2	38,40,41/02;1,2/03	94240	5	49/02;1,6,11,31/03	95180	11	40,42,44,49/02;1,6,9,10, 21,23/03
81048	9	52/03*	93115	2	40,41/02	94248	5	51/02;15,32/03	95185	2	40,44,49/02;10,35/03
81054	14	52/03*	93117	2	40,41/02	94281	6	6,42/03	95192	6	23/03
81060	2	43/03	93118	2	40,41/02	94282	9	46/02/8/03	95193	13	41,42,47,52/02;1,6,8,9, 11,17,19,21,24,25,27,33, 36,40/03
81063	5	47/03	93160	4	34/02;1,14,24,47/03	94283	7	46/02;8,12,8,12,32/03	95196	2	1,6,9,10,13,14,17,21/03
81067	6	46/03*	93180	7	34/02;47/03	94290	2	1,7,31/03	95197	4	43,48/02;1,6,9,27/03
81076	10	41*,44/03	93220	6	34/02;47/03	94292	14	8,47/03	95198	10	44/02;1,6,9,11,14,17, 21/03
81092	3	38*,50/02;32/03	93240	11	34/02;16,24,47/03	94300	13	43/02;6,18/03	95200	6	23/03
81711	6	31/03	93241	9	8,16,25/03	94306	4	6,43/02;1,14,24,47/03	95250	4	44/02;1,6,16,20,22,36/03
81715	4	31/03	93243	6	42/02	94310	7	33,37,44,52/02;8,9,10,12, 17,18,42/03	95255	2	44/02;1,7,13/03
82005	5	17/03	93244	7	16/03	94312	13	40,43,44,47,48,52/02;1,6, 11,14,17,19,21,23,29,31, 33/03	95258	3	6,16,18/03
82010	6	17,39/03	93245	6	16,24/03	94314	10	45/02;15/03	95261	7	48/02;1,5,9,16,23,28,36, 47/03
82015	13	39/03	93260	8	7,18,47/03	94316	13	13,15/03	95262	13	41,46,47,52/02;1,6,8,9, 11,17,19,21,24,25,27,33, 36,40/03
82020	7	39/03	93261	5	7,47/03	94318	4	43/02;16,18,29/03	95264	8	48/02;25/03
82192	6	43/03	93280	4	18/03	94320	5	43,46,47,48,49,50/02;1,6, 11,17,19,21,24,25,27,33, 36,40/03	95266	16	40,45,48,50/02;1,5,6,8,9, 10,17,19,23,25,27,30, 37/03
82200	2	17,41/03	93360	5	38/02	94322	14	8,47/03	95267	5	13,20,23,26,36,49/03
82210	2	42,48/02	93520	13	45/02;15/03	94360	6	43/02;6,13/03	95268	16	39,48/02;6,9,13/03
82215	2	41/03	93610	3	44,45/02;6/03	94361	13	13,15/03	95270	4	48/02;9,10,13,20,21,22, 23,26,36,52/03
82242	1	35,48,50/02	93650	2	44/02;6,24,28,49/03	94421	10	45/02;4/03	95271	4	44,48/02;9,10,12,13,20, 26,36/03
82244	5	35,42,48/02;20,39/03	93652	2	3,6,24,49/03	94423	12	45/02;11/03	95273	2	48/02
82253	7	35,48,50/02;20,39/03	93680	3	45,47/02;24/03	94440	2	46/02;18/03	95274	3	48/02;23,28,36,43/03
82280	N39/03		93690	2	44/02;6,45/03	945016	8	40/02	95280	9	48/02;8,20,26,52/03
82646	2	33/02	93698	3	45/02;28/03	945040	8	40/02;11/03	95281	15	7,10,14,36,45/03
82649	5	33/02	93710	3	6,15,43,52/03	945041	7	23,50/03	95282	7	46,52/02;4,6,9,19,20,22, 23/03
82683	4	33/02;17/03	93720	10	39,45,50/02;8,15,17,20, 24,28,42,43,44,48,49/03	945065	5	48/02;10,31/03	95285	3	18,20/03
82684	3	33,38/02;7/03	93726	4	48/02;8,12,17,45,50/03	945066	11	41,43,44,47,48,49,50/02; 1,5,6,17,19,21,23,25,27, 31,33,37,33/03	95286	5	45,46,47,48,49,50/02;1,6,8,9, 11,17,19,21,24,25,27,33, 36,40/03
82689	3	38/02;17/03	93721	5	39,42,45,50/02;4,11,17, 20,23,25,40,41,43,44,45, 46,48,49,50,52/03	945067	13	41,44,46/02;1,5,10,17,23, 28,37/03	95287	3	48/02;23,28,36,43/03
82694	6	38/02;17/03	93731	13	39,45/02;4,19,20,25,40,	945068	1	41,42,45,47/02;12,14,17, 25,28,29,37/03	95288	5	48/02;23,28,36,43/03
82697	6	38,46/02	93734	12	51/03*	945080	13	33,40,44,45,50,52/02;1,6, 7,9,10,14,17,19,21,24,25, 27,28,30,31,32,48,52/03	95289	6	23,26,36,52/03
83010	6	6/03	93735	13	41/02;4,19,20,25,40,41,45, 47,48,49/03	945082	9	33,44,46/02;1,4,7,11,17, 25,27,28,30,52/03	95290	8	48/02;25/03
83020	8	24/03	93736	22	41/02;4,20,25,40,41,45, 46,50/03	945083	8	33/02;1,4,19,28/03	95291	4	48/02;9,10,13,20,21,22, 23,26,36/03
83021	1	43/02	93778	8	47/02;7/03	945084	7	50,52/02;8,12,17,10/03	95292	16	39,48/02;6,9,13/03
83023	4	43/02	94004	6	33,37,44,52/02;8,9,10,12, 17,18,42/03	945085	4	45,52/02;1,6,11,12,27, 33/03	95293	7	48/02;1,5,9,16,23,28,36, 47/03
83025	1	12,45/03	94016	2	33,35,52/02;8,9,10,14,17, 21,33,47/03	945086	5	45,52/02;1,6,8,11,12,23, 27,31,33/03	95294	13	41,46/02;1,6,9,27,36/03
83026	32	41/02;6/03	94028	7	40,42,52/02;1,6,7,8,9,11, 14,17,21,24,27,31,33,40,	945087	8	33/02;1,4,19,28/03	95295	8	48/02;9,10,13,20,21,22, 23,26,36,52/03
83039	11	41/02;6/03	94033	5	19,21,23,29,42,44/03	945088	4	45,52/02;1,6,11,12,27, 33/03	95296	15	7,10,14,36,45/03
83251	2	2,									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 52/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
95342	16	9,13,16,20/03	97148	9	45/02;9,27/03	97261	15	41/02;1,5,7,18,21,26, 44/03	800744	1	N49/02;N5,N12,N13, N16,N36,N47,N50/03
96004	14	44,45/02	97149	20	34,35,44,45/02;1,16, 25/03	97262	10	34/02;1,5,6,7,15,21,26, 33,46/03	801217	1	N6,N8,N19,N20,N22, N33,N37/03
96016	7	51/03	97150	13	34,39,43,44/02;20,27,42, 49/03	97263	10	5,7,9,15,18,21,46/03	801885	3	N34/03
96020	4	41/02	97151	16	35,44,45/02;12,13,14,16, 20,25,49/03	97266	5	37,41/02;1,5,6,7,14,15, 18,26,42/03	801902	9	N25,N31/03
96028	5	51/03	97152	8	37/02;20/03	97267	16	40,41/02;1,5,6,8,10,13, 18,26,27,42/03	801953	1	N39,N52/03
96032	3	38/02;34,51/03	97153	8	52/03*	97268	10	6/03	802202	8	N35/02;N1,N7/03
96036	2	36/03	97154	2	36/02	97269	11	45/02;8,13,18,27/03	804059	2	N43/03
96039	7	23,44/03	97155	14	35,36,37,39,40,48/02;12, 13,18,20,28/03	97270	6	36,44/02;1,5/03	804567	4	N31/03
96041	11	39,44,45/03	97156	6	37/02;1,14/03	97271	12	37,39/02;6,10,12,26,35, 41,44/03	805118	3	N12,N36/03
96042	11	10,21,39,40,44,45/03	97157	2	40/03*	97272	11	52/02;6,10,12,14,23,37, 47/03	805647	2	N37,N51/02;N30/03
96044	10	23,38,51/03	97158	5	50/03*	97273	11	34*,52/03	806927	8	N25,N30,N39/03
96120	6	21/03	97159	6	33,39/02;7,14,16,44,46, 52/03	97274	19	34,39,45/02;6,9,15,17,18, 23,37,47,52/03	807370	5	N17,N25,N30,N31, N39/03
96320	4	51/03	97160	1	7,14,16,52/03	97275	3	52/03*	807861	2	N22/03
96340	4	45,51/03	97161	1	7,16,52/03	97276	2	50/03*	808365	2	N14/03
96379	1	10/03	97162	1	33/02;21,46/03	97277	11	1,5,6,8,9,14,35,39/03	809055	7	N16/03
96381	2	10,50/03	97163	14	14,36/03	97278	11	39/02;1,20,35,39,49/03	809310	9	N39/02
96382	2	10,12,21/03	97164	1	7,14,16,52/03	97279	9	9,27/03	809679	2	N50/02;N12,N27/03
96400	4	12/03	97165	1	7,16,52/03	97280	4	52/02			
96441	1	41/02;10,50/03	97166	1	33/02;21,46/03	97281	3	50/03*			
96480	3	41/02;51/03	97167	2	33/02;21/03	97283	3	45/02;9/03			
96500	6	41/02;10,39/03	97168	6	34,39,43,45,46,48/02;4,8, 13,20,22,26,44/03	97285	6	34,42/02;7,13,17,36/03			
96520	7	10/03	97169	20	34,46,48/02;1,4,7,8,12, 13,14,17,18,20,22,23,26,	97286	6	34,35,36,41,42/02;6,8,10, 13,17,35,36,38/03			
96521	3	21/03	97170	13	34,39,46,48/02;1,4,5,6,7, 8,12,14,17,18,20,21,22,	97287	5	34/02;20/03			
96540	5	10/03	97171	23	23,27,35,46/03	97300	6	1,13,25,26/03			
96560	5	10,51/03	97172	13	34,39,46,48/02;1,4,5,6,7, 8,12,14,17,18,20,21,22,	97303	3	47,48/02;45/03			
96580	3	10/03	97173	9	44/02;5,9,14,16,18,22,26, 43,44/03	97320	6	33/02;14,25,46/03			
96620	3	38/03	97174	15	47/02;1,7,12,14,18,22,39,	97340	8	33,38,52/02;16,17,18,22, 36,44,47/03			
96621	5	10,38/03	97175	2	43/02;1,7,46/03	97341	9	34/02;16,21,47/03			
96660	4	36/03	97176	3	44,48/02;9,18/03	97342	14	38/02;17,18,22,27,43/03			
96760	4	35,45/02	97177	3	50/03*	97343	12	38/02;17,25/03			
96762	4	50/03*	97178	9	44/02;5,9,14,16,18,22,26,	97345	2	50/03			
96763	7	43,48/02;9,17,32,37, 45/03	97179	15	43,44/03	97360	6	38/02;5,7,13,18,27,43,45, 47/03			
96764	3	34/03*	97180	6	34,39,43,45,46,48/02;4,8, 13,20,22,26,44/03	97380	7	39,47,52/02;1,2,8,16,23, 38,40,45/03			
96800	4	41/02	97181	20	34,46,48/02;1,4,7,8,12, 13,14,17,18,20,22,23,26,	97381	7	7,13,27,43,45/03			
96901	3	7/03	97182	13	34,39,46,48/02;1,4,5,6,7, 8,12,14,17,18,20,21,22,	97382	2	41,45/02;4,42/03			
96902	2	45/02	97183	9	44/02;5,9,14,16,18,22,26,	97383	16	5,7,13,42,46,47/03			
96904	3	34/03*	97184	15	47/02;1,7,12,14,18,22,39,	97384	4	47/02;19/03			
96910	1	10/03	97185	2	44/03	97385	10	52/02;5,6,7,9,46,47/03			
96937	2	40/02	97186	3	44,48/02;9,18/03	97387	2	4,5,7,42,46/03			
96938	4	4/03	97187	3	50/03*	97389	2	45*/47/03			
96939	3	4,7,9,22/03	97188	9	44/02;9,14,18,22,39,	97390	5	39,40/02;2,5,12,16,36/03			
96941	8	47/02;47/03	97189	2	43/03	97391	26	6,7,12,16/03			
96943	15	44/02;1,9,10,12,20,22,23, 33,42/03	97190	2	34,39,52/02;8,13/03	97392	5	1,21,23,26,33,38/03			
96944	6	45,52/02;6,13,20/03	97191	9	52/02;8,16,17,22,25,26,	97396	14	36,39,40/02;2,16,17,23, 33,38/03			
96945	3	43,52/02;20,22,23,42/03	97192	15	43,44,52/02;20,25/03	97397	7	39,49,49/02;16,26,44,49/03			
96947	15	6,12,13/03	97193	9	45,52/02;4,6,10,19,20,25, 33,43,45,47/03	97398	4	43/03*			
96948	8	21,22/03	97194	3	18,28/03	97400	4	34*,44,44/03			
96949	21	45/02;22/03	97195	3	30/03*	97410	9	50/03*			
96960	3	7,47/03	97196	9	41/02;6,33/03	97412	7	40/02;47/03			
96962	4	35/02;1,9,22,33/03	97197	4	46,9,13,20,23,25,47/03	97420	17	34,39,42,47,52/02;1,8,10, 33,38,40,45/03			
97000	3	17,40/03	97198	3	37,39,42,43,44/02;6,8,9,18,20, 22,23,25,26,29,33,46/03	97421	13	35,36/02;1,10,13,20,26, 36/03			
97005	9	47/03	97199	12	47/02;10,22,29/03	97423	2	35,36/02;1,13,20,26, 36/03			
97021	7	40/03	97200	3	42,44,48/02;16,17,22,23, 46/03	97425	6	34,39,47,52/02;1,6,8,10, 45/03			
97029	3	40/03	97201	6	46,47,49/02;45/03	97440	8	52/02;1,16,19,27,43, 47/03			
97040	5	43,47/02	97202	31	37,39,42,44,45/02;6,8,9, 10,17,18,19,23,25,33,45, 46,49/03	97441	5	46/02;47/03			
97041	9	45,47/02;10,12,22/03	97203	12	37,39,42,43,44/02;6,8,9,18,28, 33/03	97443	6	15,19,25,47/03			
97042	7	14,20/03	97204	3	42,44,48/02;16,17,22,23, 46/03	97460	7	40/02;5,19,21,47/03			
97043	2	14,20/03	97205	7	18,41/03	97461	9	5,8,19,21,22,23,26/03			
97060	8	46/02;12,14,22,26/03	97206	11	42,43/02;9,18,30,34/03	97465	9	1,6,8,19,20,22,33,37/03			
97061	3	52/02	97207	15	39,40,42,43/02;5,6,9,15, 49,52/03	97466	2	46/02;1,23,27/03			
97062	12	44/02;6,10,22,26,34, 35/03	97208	12	36,52/02;6,9,28,33/03	97469	10	1,6,8,19,20,22,33,37/03			
97063	2	48/03*	97209	11	41/02;6,23,33/03	97471	5	N22,N33/03			
97064	2	6,14,33,45/03	97210	8	22,25,33/03	97472	8	34/02;33/03			
97065	2	48/03*	97211	11	33,43,44,49/02;1,5,6,9, 15,16,23,33,35/03	97474	7	22/03			
97080	5	16,22,26/03	97212	17	43,47,49/02;1,6,8,9,16, 41/03	97480	7	35,52/02;3,9,10,17,18, 21/03			
97082	5	46/02;16,34/03	97213	6	41/02;6,23,33/03	97481	6	47,49/02;9,18,20/03			
97083	3	29,34,35/03	97214	8	22,25,33/03	97483	7	48,52/02;20/03			
97100	4	42,47/02;16,17,26,49/03	97215	2	52/03*	97484	6	42/02;16,18,20/03			
97101	2	50/03*	97216	20	47/02;9,16,23,35,41/03	97521	6	42/02;16,18,20/03			
97104	4	7,41/03	97217	6	41/03	97564	3	16/03			
97105	3	41/03	97218	11	33/03						
97108	4	50/03*	97219	17	43,47,49/02;1,6,8,9,16, 41/03						
97120	6	37,40,42,43/02;9,14,16, 17,25,40,44,45,49/03	97220	2	52/03*						
97140	17	33,37,39,43,45/02;7,9,14, 16,25,49/03	97221	6	41/03						
97141	5	40,46/02;8,13,20/03	97222	10	33/02;1,5,9,16,23/03						
97143	11	43,45/02;9,13,20,25,26, 44,49/03	97223	6	10/03						
97144	14	44*,46/02;7,8,9,13,20,39, 44,49/03	97224	8	33,48/02;1,5,6,21,27, 33/03						
97145	1	43/02;8,9,25,40,45,47/03	97225	5	9/03						
97146	10	44/02*;15,39/03	97226	11	36/02;1,5,9,18,28,33/03						
97147	14	44*,46/02;7,8,9,13,20,39, 44,49/03	97227	6	41/03						
97148	14	44*,46/02;7,8,9,13,20,39, 44,49/03	97228	7	41/03						
97149	14	44*,46/02;7,8,9,13,20,39, 44,49/03	97229								

SECTION II

NM 52/03

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
	REGION 1							
11ACO11366 (7642014014429)	Approaches to Mississippi River (LORAN-C)	250,000	<u>8</u>	<u>10/03</u>	NOS	1-94	52/03	
11AHA11383 (7642014010138)	Pensacola Bay	30,000	<u>50</u>	<u>10/03</u>	NOS	1-94	52/03	
12ACO12280 (7642014386360)	Chesapeake Bay (LORAN-C)	200,000	<u>4</u>	<u>10/03</u>	NOS	1-95	52/03	
	REGION 2							
22BHA22183 (7642014011820)	<u>Bahia San Nicolas and Bahia San Juan and Approaches</u>	<u>50,000</u>	<u>4</u>	<u>10/03</u>	A	2-12,62	52/03	
	<u>Plans: A. Puerto San Nicolas</u>	<u>15,000</u>						
	<u>B. Bahia San Juan</u>	<u>15,000</u>						
	REGION 8							
81AHA81048 (7642014013789)	<u>Island of Guam (LORAN-C)</u>	100,000	<u>9</u>	<u>10/03</u>	NOS	8-4,5,22	52/03	
	<u>Inset: Cocos Lagoon</u>	40,000						
81AHA81054 (7642014013790)	Apra Harbor	10,000	<u>14</u>	<u>10/03</u>	NOS	8-22	52/03	
	REGION 9							
97XHA97153 (7642014014398)	Middle Part of Chiba Ko	15,000	<u>8</u>	<u>10/03</u>	A	9-43	52/03	
97BHA97235 (7642014007325)	Mishima-Kawanoe Ko	10,000	<u>2</u>	<u>10/03</u>	A	9-44	52/03	
97BHA97275 (7642014014438)	Kanokawa Ko	15,000	<u>3</u>	<u>10/03</u>	A	9-44	52/03	
	MISCELLANEOUS CHARTS AND PUBLICATIONS							
CDPUBSD191 (7644014665952)	<u>English Channel (Enroute), 2003</u>				GPO	10-19, 38	52/03	

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DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS**PUB 120 2 Ed 2001 LAST NM 45/03**

Page III—Line 9/L to Page IV—Line 2/L; read:

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Winds.—Wind directions are the true directions from which winds blow.

(NGA)

52/03

PUB 125 7 Ed 2003 LAST NM 51/03

Page 53—Line 42/R; insert after:

An anchorage will be assigned by the Port Authority for those vessels carrying dangerous cargo.

When the port is closed due to swells, anchorage may be obtained in Caleta de Islay, in a depths of 18 to 26m.

(BA NP 7)

52/03

Page 54—Line 46/L; insert after:

It was reported (1999) that under agreement with Bolivia Ilo is being developed into the main general cargo port for the region.

(BA NP 7)

52/03

PUB 125 (Continued)

Page 54—Line 13/R; read:

PetroPeru Oil Terminal lies 0.6 miles NNE of Muelle SPCC. There are two berths with mooring buoys that can accommodate vessels up to 170m long with a draft of 12m.
 (BA NP 7) 52/03

PUB 148 7 Ed 2001 LAST NM 50/03

Page 73—Line 55/R; insert after:

A dangerous obstruction was reported (2003) to lie about 7.5 miles W of Isla Rosario.
 (US NM 48/03) 52/03

Page 95—Line 43/R; read

A light is shown from Beacon Cay.
 (US NM 47/03) 52/03

PUB 191 10 Ed 2003 NEW EDITION 52/03**PUB 200 4 Ed 2002 LAST NM 51/03**

Page III—Lines 17 to 21/L; read:

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 (NGA) 52/03

Page III—Lines 8 to 13/R; read:

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 (NGA) 52/03

COAST PILOT CORRECTIONS**COAST PILOT 3 36 Ed 2003 Change No. 23 LAST NM 51/03**

Page 295—Paragraph 65, lines 7 to 15; read:
 diesel fuel, berths, electricity, water, ice, launching ramp, storage, and some marine supplies. Hull, engine and electronic repairs can be made with a 25-ton lift. A fish pier with 6 feet at the outer end is just east of the marina fuel pier. Another marina is on the south side of the creek 1.2 miles above the entrance; depths of 5 feet are reported alongside the piers. Gasoline, berths, electricity, water, ice, pump-out station, storage, launching ramp, and limited supplies are available. Hull, engine, and electronic repairs can be made with a 25-ton lift.

(CL 1506/03) 52/03

Page 323—Paragraph 118, lines 8 to 9; read:

Berths, electricity, gasoline, diesel fuel, water, ice, launching ramp, pump-out station, storage and some marine supplies can be obtained. A 35-ton lift is available for hull and engine repairs.

(CL 933/03) 52/03

Page 325—Paragraph 145, line 8; read:
 entrance. A 25-ton lift is available.

(CL 933/03) 52/03

Page 344—Paragraph 252, lines 3 to 11; read:

can provide supplies, gasoline, diesel fuel, berths, electricity, storage and a pump-out station. The southerly marina has a 25-ton lift and the northerly marina has a 40-ton lift available for hull, engine and radio repairs. In 2003, the reported controlling depth was 5 feet in the southerly marina and 4.5 feet in the northerly marina. Both entrances are protected by jetties. It is reported that submerged pilings are at the ends of the jetties protecting the southerly marina.

(DB 1762; CL 931/03) 52/03

Page 352—Paragraph 23, lines 3 to 5; read:

gasoline, diesel fuel, pump-out station, launching ramp, storage, water and ice can be obtained. Largest haul-out capacities for hull and engine repairs are: marine railway, 60 feet; lift, 50 tons.

(CL 933/03) 52/03

COAST PILOT 5 31 Ed 2004 Change No. 1 LAST NM 51/03

Page 101—Paragraph 1134; read:

(b) The draws of the S96 bridge, mile 75.2 at St. Martinville, and the S350 bridge, mile 82.0 at Parks, shall open on signal if at least 24 hours notice is given.

(CL 1562/03; FR 09/22/03) 52/03

Page 119—Paragraph 1630, line 1; read:

(1) Vessels 300 gross tons or less, except for foreign vessels ...

(FR 11/10/03; CL 1732/03) 52/03

Page 120—Paragraph 1676, line 7; read:

estimated arrival and departure date for each destination of the voyage.

(FR 11/10/03; CL 1732/03) 52/03

Page 122—Paragraph 1689, line 1; read:

(c) *Seventh Coast Guard District*. Those foreign vessels

...
 (FR 11/10/03; CL 1732/03) 52/03

Page 122—Paragraph 1697; read:

(3) Times for submitting NOAs are as follows:

COAST PILOT 5 (Continued)

If your voyage time is—	You must submit an NOA—
(i) 96 hours or more; or	At least 96 hours before entering the port or place of destination; or
(ii) Less than 96 hours	Before departure but at least 24 hours before entering the port or place of destination.

(FR 11/10/03; CL 1732/03)

52/03

Page 144—Paragraph 2119, line 2 to Paragraph 2138; read: operating procedures are set forth in Part 161 of this chapter.

§164.46 Automatic Identification System (AIS).

(a) The following vessels must have a properly installed, operational, type approved AIS as of the date specified:

(1) Self-propelled vessels of 65 feet or more in length, other than passenger and fishing vessels, in commercial service and on an international voyage, not later than December 31, 2004.

(2) Notwithstanding paragraph (a)(1) of this section, the following, self-propelled vessels, that are on an international voyage must also comply with SOLAS, as amended, Chapter V, regulation 19.2.1.6, 19.2.4, and 19.2.3.5 or 19.2.5.1 as appropriate (Incorporated by reference, see §164.03):

(i) Passenger vessels, of 150 gross tonnage or more, not later than July 1, 2003;

(ii) Tankers, regardless of tonnage, not later than the first safety survey for safety equipment on or after July 1, 2003;

(iii) Vessels, other than passenger vessels or tankers, of 50,000 gross tonnage or more, not later than July 1, 2004; and

(iv) Vessels, other than passenger vessels or tankers, of 300 gross tonnage or more than 50,000 gross tonnage, not later than the first safety survey for safety equipment on or after July 1, 2004, but no later than December 31, 2004.

(3) Notwithstanding paragraphs (a)(1) and (a)(2) of this section, the following vessels, when navigating an area denoted in table 161.12(c) of §161.12 of this chapter, not later than December 31, 2004:

(i) Self-propelled vessels of 65 feet or more in length, other than fishing vessel and passenger vessels certificated to carry less than 151 passengers-for-hire, in commercial service;

(ii) Towing vessels of 26 feet or more in length and more than 600 horsepower, in commercial service;

(iii) Passenger vessels certificated to carry more than 150 passengers-for-hire.

Note to §164.46(a): “Properly installed” refers to an installation using the guidelines set forth in IMO SN/Circ. 227 (incorporated by reference, see §164.03). Not all AIS units are able to broadcast position, course, and speed without the input of an external positioning device (e.g. dGPS); the use of other external devices (e.g. transmitting heading

device, gyro, rate of turn indicator) is highly recommended, however, not required except as stated in §164.46(a)(2). “Type approved” refers to an approval by an IMO recognized Administration as to comply with IMO Resolution MSC.74(69), ITU-R Recommendation M.1371-1, and IEC 61993-2 (Incorporated by reference, see §164.03). “Length” refers to “registered length” as defined in 46 CFR part 69. “Gross tonnage” refers to tonnage as defined under the International Convention on Tonnage Measurement of Ships, 1969.

(b) The requirements for Vessel Bridge-to-Bridge radio-telephones in §§26.04(a) and (c), 26.05, 26.06 and 26.07 of this chapter, also apply to AIS. The term “effective operating condition” used in §26.06 of this chapter includes accurate input and upkeep of AIS data fields.

(c) The use of a portable AIS is permissible only to the extent that electromagnetic interference does not affect the proper function of existing navigation and communication equipment on board and such that only one AIS unit may be in operation at any one time.

(d) The AIS Pilot Plug, on each vessel over 1,600 gross tons, on an international voyage, must be available for pilot use, easily accessible from the primary conning position of the vessel, and near a 120 Volt, AC power, 3-prong receptacle.

(FR 10/22/03)

52/03

Page 302—Paragraph 211, lines 9 to 11; read:

Naples about 2.5 miles above Gordon Pass. In April 2003, the controlling depth was 4.8 feet (6.4 feet at midchannel) to Daybeacon 18, thence 6.2 feet (7.2 feet ...

(CL 1471/03; BPs 181475-85)

52/03

Page 338—Paragraph 304, lines 7 to 9; read:

Richey, about 1.2 miles above the mouth. In August 2003, the controlling depth was 4.9 feet (5.4 feet at midchannel) to the basin with depths of 4.7 to 6.0 feet ...

(CL 1497/03; BPs 181585-91)

52/03

COAST PILOT 5**31 Ed 2004****Change No. 2**

Page 16—Paragraph 350, line 7; read:

opens it up. Smoking is cautioned against due to the possible presence of gas ...

(CL 1473/03)

52/03

Page T-26; strike out.

(NOS/03)

52/03

COAST PILOT 5 (Continued)

Page 201; read:

Table 1.—FMPs IMPLEMENTED UNDER PART 622

FMP title	Responsible fishery management council(s)	Geographical area
Atlantic Coast Red Drum FMP	SAFMC	Mid-Atlantic and South Atlantic.
FMP for Coastal Migratory Pelagic Resources	GMFMC/SAFMC	Gulf ¹ Mid-Atlantic ^{1,2} and South Atlantic. ¹
FMP for Coral and Coral Reefs of the Gulf of Mexico	GMFMC	Gulf
FMP for Coral, Coral Reefs, and Live/Hard Bottom Habitats of the South Atlantic Region	SAFMC	South Atlantic.
FMP for Corals and Reef Associated Plants and Invertebrates of Puerto Rico and the U.S. Virgin Islands	CFMC	Caribbean.
FMP for the Golden Crab Fishery of the South Atlantic Region	SAFMC	South Atlantic.
FMP for Pelagic Sargassum Habitat of the South Atlantic Region	SAFMC	South Atlantic.
FMP for Queen Conch Resources of Puerto Rico and the U.S. Virgin Islands	CFMC	Caribbean.
FMP for the Red Drum Fishery of the Gulf of Mexico	GMFMC	Gulf. ¹
FMP for the Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	CFMC	Caribbean.
FMP for the Reef Fish Resources of the Gulf of Mexico	GMFMC	Gulf. ¹
FMP for the Shrimp Fishery of the Gulf of Mexico	GMFMC	Gulf. ¹
FMP for the Shrimp Fishery of the South Atlantic Region	SAFMC	South Atlantic.
FMP for the Snapper-Grouper Fishery of South Atlantic Region	SAFMC	South Atlantic. ^{1,4}
FMP for the Spiny Lobster Fishery of Puerto Rico and the U.S. Virgin Islands	CFMC	Caribbean.

¹ Regulated area includes adjoining state waters for purposes of data collection and quota monitoring.² Only king and Spanish mackerel are managed under the FMP in the Mid-Atlantic.³ Bluefish are not managed under the FMP in the South Atlantic.⁴ Bank, rock, and black sea bass and scup are not managed by the FMP or regulated by this part north of 35°15.3'N. lat., the latitude of Cape Hatteras Light, NC.

(CL 1616/03; FR 10/03/03)

52/03

Page 220—Paragraphs 3929 to 3930; read:

(a) *Required coverage*—(1) *Pelagic sargassum*. A vessel that harvests or possesses pelagic sargassum on any trip in the South Atlantic EEZ must carry a NMFS-approved observer.

(2) *Golden Crab*. A vessel for which a Federal commercial permit for golden crab has been issued must carry a NMFS-approved observer, if the vessel's trip is selected by the SRD for observer coverage.

(b) *Notification to the SRD*. When observer coverage is required, an owner or operator must advise the SRD in writing not less than 5 days in advance of each trip of the following:

(FR 10/03/03)

52/03

Page 204—Paragraph 3625, line 4; read:
between Louisiana and Texas.*Pelagic sargassum* means the species *Sargassum natans* or *S. fluitans*, or a part thereof.

(FR 10/03/03)

52/03

Page 218—Paragraph 3875; read:

(a) *Vessel identification*—(1) *Applicability*—(i) *Official number*. A vessel for which a permit has been issued under §622.4, and a vessel that fishes for or possesses *pelagic sargassum* in the South Atlantic EEZ, must display its official number—

(FR 10/03/03)

52/03

II-2.4

Page 220—Paragraph 3933; read:

(c) *Observer accommodations and access*. An owner or

COAST PILOT 5 (Continued)

operator of a vessel on which a NMFS-approved observer is embarked must:

(FR 10/03/03)

52/03

Page 239—Paragraph 4210, line 7; read:
crab zones.

(g) *Pelagic sargassum area and seasonal restrictions*—(1)
Area limitations. (i) No person may harvest pelagic sargassum in the South Atlantic EEZ between 36°34'55"N. lat. (directly east from the Virginia/North Carolina boundary) and 34°N. lat., within 100 nautical miles east of the North Carolina coast.

(ii) No person may harvest or possess pelagic sargassum in or from the South Atlantic EEZ south of 34°N. Lat.

(2) *Seasonal limitation.* No person may harvest or possess pelagic sargassum in or from the South Atlantic EEZ during the months of July through October. This prohibition on possession does not apply to pelagic sargassum that was harvested and landed ashore prior to the closed period.

(FR 10/03/03)

52/03

Page 249—Paragraph 4421, line 11; read:
and Florida.

(k) *Pelagic sargassum.* The minimum allowable mesh size for a net used to fish for pelagic sargassum in the South Atlantic EEZ is 4.0 inches (10.2 cm), stretched mesh, and such net must be attached to a frame no larger than 4 ft by 6 ft (1.2 m by 1.8 m). A vessel in the South Atlantic EEZ with a net on board that does not meet these requirements may not possess any pelagic sargassum.

(FR 10/03/03)

52/03

Page 250—Paragraph 4448, line 5; read:
shareholder under the ITQ system.

(g) *Pelagic sargassum.* The quota for all persons who harvest pelagic sargassum in the South Atlantic EEZ is 5,000 lb (2,268 kg), wet, landed weight. See §622.35(g)(1) for area limitations on the harvest of pelagic sargassum.

(FR 10/03/03)

52/03

Page 251—Paragraph 4460, line 4; read:
is prohibited.

(7) *Pelagic sargassum.* Pelagic sargassum may not be fished for or possessed in the South Atlantic EEZ and the sale or purchase of pelagic sargassum in or from the South Atlantic EEZ is prohibited.

(FR 10/03/03)

52/03

Page 251—Paragraph 4462; read:

(2) The prohibition on sale/purchase during a closure for allowable octocoral in paragraph (a)(2) of this section or for pelagic sargassum in paragraph (a)(7) of this section does not apply to allowable octocoral or pelagic sargassum that was harvested and landed ashore prior to the effective date of the closure.

(FR 10/03/03)

52/03

COAST PILOT 6

33 Ed 2003

Change No. 22

LAST NM 51/03

Page 190—Paragraph 152, lines 4 to 6; read:
is placed in the closed-to-navigation position from October 31st to April 1st. State Route 104 highway bridge crosses ...
(32/03 CG9)

52/03

Page 246—Paragraph 423; read:

In May 2003, the controlling depths were 23.4 feet (26.6 feet at midchannel) to the Lorain Yacht Basin, thence 18.7 feet (25.8 feet at midchannel) to the 21st Street bridge, thence 17.2 feet to the head of the project (except for shoaling to 6 feet in the NE corner at the head of the project.) The turning basin on the SW side of the channel, 1.6 miles above the mouth, had depths of 19 to 20 feet with lesser depths along the W edge. The two turning basins at the head of the project, one on the N side and the other at the head, had depths of 14 to 19 feet with lesser depths along the NE edge and 6.0 to 10.0 feet with lesser depths along the N edge, respectively. The depths in both the E and W basins of the outer harbor were 19.1 to 21.0 feet with lesser depths along the edges.

(BPs 181028-29; CL 1234/03)

52/03

Page 253—Paragraph 524, lines 5 to 11; read:

buoys, and daybeacons, leads between the jetties and into the harbor to an inner channel within the harbor. In August 2003, the controlling depths were 2.3 feet (6.2 feet at mid-channel) to the junction with the inner channel, thence 4.6 feet to the upstream limit of the Federal project.

The NW entrance channel is privately maintained and ...

(BPs 181747-49; CL 1601/03)

52/03

Page 253—Paragraph 524, lines 19 to 23; read:

entrance. In August 2003, the controlling depth was 5.1 feet from the bridge SW through West Bay to the junction with the SE entrance channel.

Boats drawing up to 3 feet can be accommodated ...

(BP 181748; CL 1601/03)

52/03

Page 254—Paragraph 535, lines 3 to 14; read:

entrance channel that crosses a bar, and in July 2003, was shoal in several places. The channel is marked by seasonal buoys. The buoys are uncharted as they are frequently shifted in position to mark the best water. Mariners should use caution and seek local knowledge before navigating the entrance channel.

An overhead power cable with ...

(BP 181737; CL 1595/03)

52/03

Page 334—Paragraph 341, lines 7 to 10; read:

Light. **Round Island Passage Light** (45°50'36"N., 84°36'54"W.), 71 feet above the water, is shown from a light-house on the N side of ...
(35/03 CG9; LL/03)

52/03

Page 433—Paragraph 833; read:

In June-July 2003, the controlling depths were 15.7 feet in

COAST PILOT 6 (Continued)

the entrance channel to the outer harbor basin, thence 12.1 feet in the basin (except for gradual shoaling to 7.7 feet in the N corner), thence 15.2 feet between the piers to the turning basin inside the mouth, thence 5 to 10 feet in the W half (except for shoaling to 3.3 feet along the W edge) and 17 to 20 feet in the E half of the turning basin, thence 13.8 feet (18.2 feet at midchannel) to the N harbor basin, thence 18 to 20 feet available to the basin.

(DDs 4471-73)

52/03

Page 441—Paragraph 953, lines 1 to 15; read:

In May-August 2003, the controlling depths were 15.6 feet (21.0 feet at midchannel) in the entrance channel through the S end of Green Bay to the mouth of the Fox River (except for a large shoal area in the right half of the channel with a least depth of 2.3 feet and extending from the southern tip of Long Tail Point to about 0.25 mile SW of the point), thence 17.5 feet (20.8 feet at midchannel) to the Fox River Valley Railroad swing bridge, thence 5.7 feet (6.6 feet at midchannel) to the De Pere turning basin. Depths in the turning basins were: at the mouth of the East River, 24 feet with lesser depths along the edges; just above the Fox River Valley Railroad swing bridge, 19 to 20 feet with lesser depths along the NE edge; and at De Pere, 9 to 18 feet with gradual shoaling to 2 feet towards the W corner. **Mariners are advised to contact the Port Director, ...**

(DDs 4474-94)

52/03

Page 490—Paragraph 185, lines 3 to 5; read:

are marked by lights. In July 2003, the controlling depth was 6.8 feet (8 feet at midchannel) through the dredged channel; thence in 1984, 6 feet in the ...

(DD 4468)

52/03

Page 492—Paragraph 213, lines 6 to 10; read:

signal is at the W pierhead light. In June 2003, the controlling depths were 9.8 feet in the left half and 16.5 feet in the right half of the dredged channel in the entrance and between the piers to the bridge (except for shoaling to 10.7 feet in the right half of the channel just ...

(DD 4467)

52/03

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22510	Saybrook Daybeacon	41 16 07 N 72 20 17 W				White globe on granite structure.	
		*					52/03
22595	- LIGHT 22	41 19 52 N 72 21 00 W	Fl R 4s	27	4	TR on skeleton tower.	
					*		52/03
22890	- LIGHT 36	41 24 00 N 72 25 12 W	Fl R 4s	15	3	TR on pipe tower on concrete base.	
					*		52/03
22940	- LIGHT 48	41 27 54 N 72 28 00 W	Fl R 4s	29	6	TR on pipe tower.	Higher intensity beam up and down river.
					*		52/03
22990	- RANGE C FRONT LIGHT	41 29 52 N 72 31 25 W	Fl Y 2.5s	54		KRW on skeleton tower.	Visible on range line only.
		*					52/03
23025	- RANGE D FRONT LIGHT 67	41 31 12 N 72 33 32 W	Q G	30		KRW and SG on skeleton tower.	Visible all around; higher intensity on range line.
		*					52/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
348	Surface Gunnery Area 8 Lighted Buoy GA	37 12 00 N 74 51 40 W	Fl Y 6s	5	Yellow.		
				*			52/03
349	Surface Gunnery Area 8 Lighted Buoy GC	37 12 15 N 74 51 49 W	Fl Y 2.5s	5	Yellow.		
				*			52/03
475	- Lighted Buoy 13	36 54 03 N 75 54 22 W	Fl G 4s	5	Green.		
				*			52/03
515	Dam Neck Disposal Area Lighted Buoy A		Fl Y 2.5s	4	Yellow.	Position changed frequently for dredging.	
				*			52/03
520	Dam Neck Disposal Area Lighted Buoy B		Fl Y 4s	5	Yellow.	Position changed frequently for dredging.	
				*			52/03
525	Dam Neck Disposal Area Lighted Buoy C		Fl Y 6s	5	Yellow.	Position changed frequently for dredging.	
				*			52/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7085	- <i>Lighted Buoy 11</i> 75 feet outside channel limit.		Q G		4	Green.	*
							52/03
8570	TOWER LIGHT C						<i>Remove from list.</i>
							*
							52/03
*10843	- <i>Gulf 2 Anchorage Lighted Mooring Buoy A</i>		Fl W 6s			White with blue stripe.	Maintained by U.S. Navy.
							52/03
*19221	Battle Creek Channel Warning Daybeacon					NW on pile worded DANGER SHOAL.	Private aid.
							52/03
*19222	Battle Creek Channel Daybeacon 3					SG on pile.	Private aid.
							52/03
*19223	Battle Creek Channel Daybeacon 4					TR on pile.	Private aid.
							52/03
*19224	Battle Creek Channel Daybeacon 5					SG on pile.	Private aid.
							52/03
19225	Battle Creek Channel Daybeacon 2						<i>Remove from list.</i>
							*
							52/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7115	ST. JOHNS BAR CUT RANGE FRONT LIGHT	30 24 14 N 81 25 40 W	Fl W 2.5s (Day) Fl W 2.5s (Night)	22 19		On tower on piles.	Visible 0.5° each side of rangeline (Day). Visible 1.5° each side of rangeline (Night).
							*
							52/03
8340	Cross Florida Barge Canal Daybeacon C	29 33 41 N 81 42 06 W				JR on pile.	
			*				52/03
8345	Seven Sisters Islands Daybeacon 33A	29 27 46 N 81 41 10 W				SG on pile.	
			*				52/03
8505	Mount Royal Daybeacon 62	29 25 43 N 81 39 40 W				TR on pile.	
			*				52/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9240	- LIGHT 14	30 10 43 N 89 35 42 W	Fl R 4s	17	3	TR on pile.	Ra ref. *
							52/03
*12661	- ENTRANCE EAST LEADING LIGHT	28 54 50 N 89 25 53 W	Iso R 6s	45		NR on tower on piles.	Visible only on the east quarter of SWP Entrance Channel. 52/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*242	MORRO BAY YC RACE BUOY	35 22 30 N 120 55 00 W				Yellow.	Private aid. *
							52/03
480	Cape Mendocino Light	40 26 23 N 124 24 22 W	Fl W 15s	515	19	On post.	Emergency light of reduced intensity when main light is extinguished. *
							52/03

SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAIIAN ISLANDS (Chart 530)

765.1	NOAA Data Lighted Buoy 46002	42 31 10 N 130 19 10 W	Fl (4) Y 20s			Yellow boat-shaped hull.	
		*					52/03
9945	SAND ISLAND RANGE FRONT LIGHT	46 15 57 N 123 59 34 W	Q G	19		KRW on skeleton structure on pile structure.	Visible 4° each side of rangeline. *
							52/03
15990	Point Chehalis Lighted Buoy 4	46 54 57 N 124 06 51 W	Fl R 4s			Red.	
		*	*				52/03

*Change Heading to Read:
*Point Roberts

19945	- Lighted Bell Buoy 4	48 57 06 N 122 59 13 W	Fl R 4s	5	Red.		
							52/03
19950	- MARINA LIGHT 1	48 58 24 N 123 03 53 W	Fl G 4s	15	On pile.	Private aid.	
							52/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11565	- RANGE FRONT LIGHT	45 20 18 N 83 29 24 W	F G	23 7	18	KRW on skeleton tower. *	52/03
11570	- RANGE REAR LIGHT 790 feet, 274° from front light.		F G	36 11	33	KRW on skeleton tower. *	52/03
12100	<i>Obstruction Buoy</i>					White with orange bands. *	Maintained from May 15 to Oct. 15. Worded: SUBMERGED OBJECT. *
19050	- <i>Lighted Buoy 15</i>		Fl G 4s	3	Green.	Maintained from April 1 to Nov. 1. *	52/03
19051	- <i>Lighted Buoy 15A</i>	43 04 19 N 86 12 33 W	Fl G 6s	3	Green.	Maintained from April 1 to Nov. 1. *	52/03
19055	- <i>Lighted Buoy 16</i>		Fl R 4s	3	Red.	Maintained from April 1 to Nov. 1. *	52/03
19060	- <i>Lighted Buoy 16A</i>		Fl R 6s	3	Red.	Maintained from April 1 to Nov. 1. *	52/03
19310	- <i>Lighted Buoy 1</i>	42 46 18 N 86 12 00 W	Fl G 2.5s	4	Green.	Replaced by can from Nov. 7 to Apr. 14. *	52/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14524	Isla Caja de Muertos. J 5556	17° 53.7' N 66° 31.3' W	Fl.W. period 30s	297 91	10	Gray round tower, on center of flat-roofed dwelling; 63.	*
							52/03
*17144	-Punta Arena.	10° 30.9' N 64° 14.6' W	Fl.W. period 12s fl. 1s, ec. 11s	138 42	11	Fiberglass tower.	
							52/03
*17830	Caicaras.	5° 03.4' S 36° 03.3' W	Fl.(2)W. period 10s		2	ISOLATED DANGER Beacon, topmark.	
							52/03
18585.4	--Mole. G 0476.8	23° 48.5' S 45° 23.8' W	F.R.		5		Private light.
							*
19315	-Oyarvide. G 0814						Remove from list.
							*
							52/03
CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4276	Tryphena Point. K 3736.2	36° 19.1' S 175° 28.8' E	Fl.(3)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 2.5s	85 26	4	White metal column; 10.	
							*
							52/03
5401.8	-Range, front, "2A". K 4372.4	45° 49.8' S 170° 37.5' E	Fl.(2)R. period 4s	10 3	1	PORT (A) R, beacon, topmark.	
							*
							52/03
5402	-Range, front, "32". K 4372	45° 49.2' S 170° 37.9' E	Q.(2)R. period 4s	10 3	1	Red beacon, white band, red can topmark. Radar reflector.	
							*
							52/03
CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2688	Nagahasi Ko Nisi, W. F 7240.7	36° 06.9' N 136° 02.9' E	Iso.R. period 6s	46 14	9	Red tower; 28.	
							*
							52/03
3160	Miyazaki Ko, E. breakwater. F 7136.8	36° 58.4' N 137° 35.1' E	Iso.G. period 4s	43 13	9	White round concrete tower; 31.	
							*
							52/03

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5644 F 6266.4	-W. breakwater, head.	35° 04.8' N 138° 51.1' E	Iso.G. period 4s	46 14	5	White round concrete structure; 31.	52/03
				*	*		
5648 F 6267.5	Shizuura Ko, Okino-Shima.	35° 02.9' N 138° 53.8' E	Fl.W. period 3s	32 10	3	White round concrete structure; 28.	52/03
		*		*			
9668 F 5372	Onoda Ko, N. breakwater, head.	33° 58.4' N 131° 09.9' E	Fl.(2)G. period 6s	36 11	11	White tower; 28.	52/03
			*				
9738 F 4981	Kando Ko, E. breakwater.	33° 47.8' N 131° 00.8' E	Fl.(2)G. period 8s	36 11	6	White round tower; 25.	52/03
		*	*		*		
9754 F 4985	Sinmozi, breakwater.	33° 52.4' N 131° 00.6' E	Fl.G. period 5s	59 18	10	White tower; 53.	52/03
		*		*			
29765 D 7406.2	--Deep water jetty, head.					Remove from list.	
						*	52/03

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2026 D 1556.5	-Puntal Range, front.	43° 27.6' N 3° 46.4' W	Q.W. period 4s	30 9	6	Post on metal tower.	Intensified 231°48'-239°48'.
	-RACON		K(- -)		10		*
		*				*	*
2026.1 D 1556.51	--Rear, 100 meters 235°48' from front.	43° 27.6' N 3° 46.4' W	Iso.R. period 4s	39 12	6	Post on metal tower.	Intensified 231°48'-239°48'.
	*			*		*	*
*2040 D 1557.2	-Range, front.	43° 27.4' N 3° 48.6' W	Iso.W. period 3s	62 19	6	Yellow and black metal tower; 52.	Intensified 255°30'-263°30'.
							52/03
*2040.1 D 1557.21	--Rear, 158 meters 259°30' from front.	43° 27.3' N 3° 48.7' W	Oc.R. period 4s lt. 3s, ec. 1s	72 22	6	Building; 62.	Intensified 255°30'-263°30'.
							52/03
2710 D 1791	-Puerto de Noya, N.	42° 47.7' N 8° 54.5' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	16 5	5	White tower; 20.	52/03
		*		*	*		

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2711 - S. breakwater. <i>D 1791.2</i>		42° 47.6' N 8° 54.5' W	Fl.(2)G. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 6.5s	16 5	5	White tower; 20.	*
					*	*	*
							52/03
*Delete Heading: *GIBRALTAR (U.K.):							
4153 - Muelle de Isle Verde. <i>D 2426.3</i>						Remove from list.	*
							52/03
4167.4 - Jetty, head.						Remove from list.	*
							52/03
5163 - Calo des Moix, pier, head. <i>0 312</i>						Remove from list.	*
							52/03
-Marmara Adasi:							
17136 - Hayirsiz Ada, N. summit. <i>E 4894</i>		40° 38.7' N 27° 29.0' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	366 112	12	White iron framework tower; 26.	Siren: Mo.(U) ev. 32s. (bl. 1s, si. 1s, bl. 1s, si. 1s, bl. 2.5s, si. 25.5s).
							*
			M(--)				52/03
		*	*				
17216 - Gemlik Kofezi, Tuzla Burnu. <i>E 4900.6</i>		40° 25.2' N 29° 05.7' E	Fl.W. period 10s fl. 1s, ec. 9s	46 14	12	White metal framework tower; 39.	
					*	*	
							52/03
FEODOSIYSKIY ZALIV:							
18384 - Mys Il'inskiy. <i>E 5340</i>		45° 00.4' N 35° 25.6' E	L.Fl.(2)W. period 15s fl. 3s, ec. 3s fl. 3s, ec. 6s	216 66	21	Round brick tower; 49.	Visible 212°-016°.
				*			*
							52/03
18408 Mys Kyz-Aul. <i>E 5358</i>		45° 03.3' N 36° 22.0' E	Fl.W.R.G. period 6s	204 62	W. 21 R. 17 G. 13	White octagonal tower, black stripes; 92.	R. 253°-274°, W.-060°30', G.-070°.
					*		
							52/03
23825 - Playade Santiago. <i>D 2845</i>		28° 01.5' N 17° 11.7' W	Fl.(2)R. period 7s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	43 13	5	Red pillar on red column; 16.	
				*	*	*	
							52/03

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
25272 D 4177	Forestry Service, entrance, S. side.	1° 34.8' N 9° 36.4' E	Q.(3)W. period 6s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 3.7s	56 17	7	Light gray metal framework tower; 23.	Temporarily extinguished.
		*					52/03

CORRECTIONS TO PUB 113, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
1080	Mys Il'inskiy Light Station						Remove from list.
							*
1090	Mys Kyz-Aul Light Station						Remove from list.
							*
							52/03

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16484 L 7498	-Bukhta Varneka Range, front.	69° 42.9' N 60° 00.4' E	Fl.W. period 1.5s fl. 0.5s, ec. 1s	56 17	12	White square wooden pyramid, black stripe; 36.	
		*	*				52/03

CORRECTIONS TO PUB 115, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
770	Mys Sterlegova						Remove from list.
							*
							52/03

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Denotes a new entry when preceding the station number.

SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 52/03

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
NGA HYDRO CATALOG CATP2V01U			SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25,27,28, 29,30,32,35,36,37, 39,44,48/03	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43,46,49/03
Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03	SDPUB126	2002	39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03	SDPUB200	2002	38*,39,42/02;22,27, 34,41,51,52/03
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03	SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2,10/03	USCG LIGHT LIST VOLUMES I - VII		
Region 3	2002	1/03*	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23,24,25,26, 31,32,34,37,42, 43/03	COMDTM165021	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39,40,41, 42,43,44,45,48,50, 52/03
Region 4	2002	1*,23,43/03	SDPUB147	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23,24,25,26, 31,32,34,37,42, 43/03	COMDTM165022	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44,45,46, 47,48,49,50,51, 52/03
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03	SDPUB148	2001	21*,38/01	COMDTM165023	2003	17*,18,19,20,21,22, 23,24,25,26,28,29, 32,33,34,35,36,37, 38,39,41,43,44,45, 46,47,48,49,50,51, 52/03
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03	SDPUB149	2000	49/00*,3,31,35/01; 1,15,43/02	COMDTM165024	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03
Region 7	2002	1*,11,15,28/03	SDPUB150	2000	49/00*,3,31,35/01;	COMDTM165025	2002	16/02*
Region 8	2002	1*,14,37,41,46, 52/03	SDPUB151	2001	35/01*;21,22,23, 24/02;39,40,41,46, 50/03	COMDTM165026	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03	SDPUB152	2000	6/01*;28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22,25,32, 35,37,38,39,40, 43/03	COMDTM165027	2003	18*,20,21,22,23,24, 26,27,28,30,31,32, 33,34,35,36,37,38, 39,40,43,44,46,47, 48,49,50,52/03
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03	SDPUB153	2000	48/01*;23,24/02;22, 42,43,45,48,50, 52/03	FLEET GUIDES		
NGA LIST OF LIGHTS			SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03	FGPUB940ATL	2001	N47/01*
LLPUB110	2003	7*,8,9,11,13,14,15, 16,17,18,20,21,23, 24,25,26,27,28,29, 31,32,33,34,36,37, 38,39,41,42,43,44, 47,49,50,52/03	SDPUB155	2001	31*,48/01;10,45, 46/02	FGPUB941PAC	2001	N22/01*
LLPUB111	2003	33*,34,35,36,37,38, 39,40,41,43,45,47, 49,50,51,52/03	SDPUB159	2002	42*,48/02			
LLPUB112	2003	4*,5,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22,23, 30,33,36,39,41,43, 48,49,51/03	NOS MISCELLANEOUS PUBLICATIONS		
LLPUB113	2003	46*,48,49,50,51, 52/03	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03	NOSBCATALOG01	2000	20/00*
LLPUB114	2003	17*,19,21,22,23,24, 27,31,32,40,43,44, 46/03	SDPUB162	2001	51/01*;5,12/03	NOSBCATALOG02	2000	34/00*
LLPUB115	2003	42*,44,46,47,48,49, 51,52/03	SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03	NOSBCATALOG03	2000	28/00*
LLPUB116	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,47,48,49, 50,51/03	SDPUB164	2000	30/00*,31,35,36/01; 8,28/03	NOSBCATALOG04	2000	34/00*
SAILING DIRECTIONS			SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03	ALMANACS		
CDPUBSD125	2003	19*,43,49,51,52/03	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,51/03	AIRALMANAC401	2004	29/03*
CDPUBSD127	2003	39/03*	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,49,50,51/03	NAUTALMANAC04	2004	29/03*
CDPUBSD131	2002	9/03*	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02; 30,39,40,41,43/03	COAST PILOT		
CDPUBSD143	2003	46/03*	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43,47/03	NOSBPCP1	33	27*,28,29,32,33,34, 39,42,46,48/03
CDPUBSD145	2003	51/03*	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42,44,47,48,49, 51/03	NOSBPCP2	32	17*,18,21,22,26,28, 30,32,33,35,36,39, 42,43,45/03
CDPUBSD146	2002	4/03*	SDPUB181	2002	38*,39/02	NOSBPCP3	36	34*,36,42,43,44,46, 48,50,51,52/03
CDPUBSD157	2003	17/03*	SDPUB182	2001	8*,10,12,41/02; 17/03	NOSBPCP4	35	34*,36,39,42,44,46, 47,51/03
CDPUBSD158	2003	24/03*	SDPUB183	2001	27/01*;13,15,16/02; 18/03	NOSBPCP5	31	51*,52/03
CDPUBSD191	2003	52/03*	SDPUB189	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03	NOSBPCP6	33	23*,27,29,32,34,39, 42,46,48,51,52/03
CDPUBSD192	2003	32*,36,38,39,40,41, 42,43/03	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03	NOSBPCP7	35	37*,38,39,42,44,45, 48,51/03
CDPUBSD194	2002	6*,8,15,17,30,33,35, 37,38,39,40/03	SDPUB194	2001	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03	NOSBPCP8	25	32*,33,34,39,42,48, 51/03
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,45/03	SDPUB195	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03	NOSBPCP9	21	30*,32,33,36,39,42, 48,51/03
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03				RADIO NAVIGATIONAL AIDS		
						RAPUB117	2002	50/02*/13/03
						AMERICAN PRACTICAL NAVIGATOR		
						NVPUB9	2002	36/02*/14,38/03

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 52/03**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.		
INTERNATIONAL CODE OF SIGNALS CDPUBNV102	2003	20/03*		
WORLD PORT INDEX NVPUB150	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03		
DISTANCES BETWEEN PORTS NVPUB151	2001	4/02*		
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CDPUBNV1310	2001	51/01*		
SIGHT REDUCTION TABLES (MARINE) SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR) SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS NVPUB106	2002	42/03*		
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
USCG NAVIGATION RULES COMDTM166722D	1999	44/99*;52/00		
NOS TIDE TABLES NOSPBTTCWPACIN3	2003	N4/03*		
NOSPBTTECSTNSA3	2003	N4/03*		
NOSPBTTEURAFR3	2003	N4/03*		
NOSPBTWCSTNSA3	2003	N4/03*		
TIDAL CURRENT TABLES NOSPBTCTATCSTN3	2003	N4/03*		
NOSPBTCTPACAS3	2003	N4/03*		

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

SUMMARY OF NAVIGATIONAL WARNINGS IN FORCE 111200Z DECEMBER 2003

NAVAREA IV

2003 series

108/03(26,27). GUANTANAMO BAY NAVAL DEFENSE SEA AREA.
 AT NO TIME SHALL ANY SHIP OR OTHER CRAFT, OTHER THAN PUBLIC SHIPS
 OF THE UNITED STATES, BE NAVIGATED INTO GUANTANAMO BAY NAVAL
 DEFENSIVE SEA AREA, UNLESS AUTHORIZED BY THE SECRETARY OF THE NAVY.
 COMMANDER, U.S. NAVAL BASE, GUANTANAMO BAY, CUBA, HAS BEEN AUTHORIZED
 TO ACT ON REQUESTS FROM VESSELS WHOSE NORMAL LEGITIMATE BUSINESS
 REQUIRES ENTRY INTO GUANTANAMO BAY. U.S. NAVAL BASE GUANTANAMO
 MAINTAINS A COMMUNICATIONS GUARD "GUANTANAMO BAY PORT CONTROL" ON
 MARINE BAND VHF CHANNEL 12 (156.6MZ) AND 16 (156.8MZ). THE
 GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA IS DESCRIBED AS FOLLOWS:
 THE TERRITORIAL WATERS WITHIN GUANTANAMO BAY, CUBA BETWEEN HIGH
 AND LOW WATER MARK AND THE SEA AND IN AND ABOUT THE ENTRANCE CHANNEL
 WITHIN A LINE BEARING TRUE SOUTH EXTENDING THREE NAUTICAL MILES FROM
 THE SHORE LINE OF THE EASTERN BOUNDARY OF GUANTANAMO NAVAL RESERVATION
 (LONGITUDE 75 DEGREES 05 MINUTES 15 SECONDS) AND A LINE BEARING
 TRUE SOUTH EXTENDING THREEE NAUTICAL MILES FROM THE SHORELINE OF
 THE WESTERN BOUNDARY OF THE SAID NAVAL RESERVATION
 (LONGITUDE 75 DEGREES 14 MINUTES 00 SECONDS) AND A LINE JOINING
 THE EXTREMITIES OF THE ABOVE TWO BEARING LINES, AND HEREBY SET APART
 AND RESERVED AS A NAVAL DEFENSIVE SEA AREA. ALL VESSELS ARE DIRECTED
 TO STAND CLEAR OF THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA.

(212251Z MAR 2003)

387/03(GEN). CANADA. 96 HOUR NOTIFICATION PRIOR
 TO ENTERING CANADIAN WATERS.

1. ALL VESSELS THAT ARE:
 - A. OF 500 TONS GROSS TONNAGE OR MORE.
 - B. ENGAGED IN TOWING OR PUSHING A VESSEL, WHERE THE COMBINED TONNAGE OF THE SHIP AND VESSEL BEING TOWED OR PUSHED IS 500 GROSS TONS TONNAGE OR MORE.
 - C. CARRYING A POLLUTANT OR DANGEROUS GOODS, ENGAGED IN TOWING OR PUSHING A VESSEL CARRYING A POLLUTANT OR DANGEROUS GOODS.
2. MUST REQUEST CLEARANCE 96 HOURS PRIOR TO ENTERING CANADIAN WATERS FROM SEAWARD OR AS SOON AS PRACTICAL WHERE THE ESTIMATED TIME OF ARRIVAL OF THE SHIP IN CANADIAN WATERS IS LESS THAN 96 HOURS AFTER THE TIME THE SHIP DEPARTED ITS LAST PORT OF CALL.
3. CANCEL NAVAREA IV 393/01 AND 219/02.

(200950Z SEP 2003)

450/03(11,26). NORTH ATLANTIC. GPS SATELLITE SYSTEM.

1. GPS JAMMING EXERCISES 1600Z TO 2000Z DAILY 22 THRU 30 NOV AND 0001Z TO 0400Z DAILY 02 THRU 18 DEC
 WITHIN 70 MILES OF 33-40N 076-00W.
2. CANCEL THIS MSG 180500Z DEC.

(211700Z NOV 2003)

454/03(GEN). NATIONAL IMAGERY AND MAPPING AGENCY (NIMA)
 BECOMES THE NATIONAL GEOSPATIAL-INTELLIGENCE
 AGENCY (NGA).

1. THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) OFFICIALLY BECAME THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) EFFECTIVE 24 NOV.
2. WHILE THE ORGANIZATION NAME HAS CHANGED, DISTRIBUTORS AND CUSTOMERS OF NGA PRODUCTS ARE ADVISED THAT THIS CHANGE HAS NOT AFFECTED THE STRUCTURE OF THE ORGANIZATION OR THE PRODUCT LINE AVAILABLE FROM NGA. PRODUCTS SHOULD CONTINUE TO BE ORDERED AS IN THE PAST.
3. THE AGENCY NAME, INITIALS AND LOGO ON PRODUCTS WILL TRANSITION TO THE NEW VERSION AS PRODUCTS ARE REVISED. ALSO, FOR A TIME THE AGENCY COMMUNICATIONS WILL ACCEPT BOTH NIMA AND NGA ADDRESSING. WEB SITE AND E-MAIL ADDRESSES ARE TRANSITIONING, E.G., FROM NIMA.MIL TO NGA.MIL.
 NAVIGATION WARNINGS ISSUED BY NGA WILL CONTINUE TO BE ISSUED WITH A NIMA ADDRESS FOR APPROXIMATELY THE NEXT TWO MONTHS UNTIL THE ADDRESSING SYSTEM TRANSITIONS TO NGA.
4. NGA LOOKS FORWARD TO PROVIDING CONTINUED QUALITY SUPPORT TO OUR WORLDWIDE CUSTOMERS.

(261745Z NOV 2003)

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455/03(11). FLORIDA-EAST COAST.
 CHART 11484 (21ST ED).
 CAPE CANAVERAL LIGHT 28-27.6N 080-32.6W UNLIT.

(280640Z NOV 2003)

472/03(26,27). BAHAMAS.
 1. FOUR CONTAINERS ADRIFT IN 20-58N 075-07W.
 2. CANCEL THIS MSG 12 DEC.

(051720Z DEC 2003)

474/03(GEN).
 1. NAVAREA IV MESSAGES IN FORCE 061000Z DEC 2003. ONLY THOSE
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2003 SERIES: 450(11,26), 454(GEN), 455(11), 456(11,26),
 458(11), 459(11), 468(25), 469(11,26), 471(11),
 472(26,27), 473(14).
 2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE
 AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
 WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
 ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
 3. CANCEL NAVAREA IV 460/03.

(061010Z DEC 2003)

476/03(14). NORTH ATLANTIC.
 1. ODAS BUOY 44142 ADRIFT VICINITY
 41-32.8N 059-46.9W AT 091100Z DEC.
 2. CANCEL NAVAREA IV 473/03.
 2. CANCEL THIS MSG 16 DEC.

(091900Z DEC 2003)

477/03(11,26). NORTH ATLANTIC.
 1. DERELICT 24 FOOT F/V, WHITE HULL,
 ADRIFT IN 27-15.5N 079-26.4W.
 2. CANCEL THIS MSG 17 DEC.

(101345Z DEC 2003)

478/03(11,26). FLORIDA-EAST COAST.
 CHART 11479 (4TH ED).
 CAPE CANAVERAL DGPS STATION 28-27.6N 080-32.6W AT REDUCED POWER.

(102230Z DEC 2003)

479/03(11). GULF OF MEXICO. ORDNANCE.
 1. UNDERWATER ORDNANCE DETONATIONS IN PROGRESS
 UNTIL 142359Z DEC IN AREA BOUND BY
 30-00.7N 085-38.9W, 29-59.7N 085-36.9W,
 29-57.9N 085-38.0W, 29-58.9N 085-40.0W.
 2. CANCEL NAVAREA IV 459/03.
 3. CANCEL THIS MSG 150059Z DEC.

(110920Z DEC 2003)

480/03(GEN). NORTH ATLANTIC. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 160238Z TO 160525Z DEC, ALTERNATE
 170234Z TO 170521Z DEC IN AREAS BOUND BY:
 A. 28-34N 080-36W, 28-36N 080-25W,
 28-24N 079-13W, 28-18N 079-13W,
 28-23N 080-32W, 28-26N 080-37W.
 B. 26-19N 063-10W, 25-26N 059-48W,
 24-08N 060-13W, 25-01N 063-38W.
 2. CANCEL THIS MSG 170621Z DEC.

(110940Z DEC 2003)

SECTION III

NM 52/03

HYDROLANTS

2000 series

2937/00(38). GREENLAND SEA.
CHART 38266 (1ST ED).
UNCHARTED ISLETS REPORTED VICINITY 79-20.45N 015-50.39W.

(231209Z AUG 2000)

3762/00(43). BALTIC SEA. SKAGERRAK.
CHART 43360 (21ST ED).
DANGEROUS WRECK MARKED BY NORTH CARDINAL BUOY AND
SOUTH CARDINAL BUOY IN 57-42.39N 010-20.41E.

(081925Z NOV 2000)

4265/00(44). BALTIC SEA.
CHART 44180 (6TH ED).
1. TROSKEIN VASTRA LIGHT 59-39.6N 019-51.8E DESTROYED.
OBSTRUCTION, LEAST DEPTH TWO METERS, MARKED BY
EAST CARDINAL BUOY.
2. CANCEL HYDROLANT 4262/00 AND 4263/00.

(290540Z DEC 2000)

2001 series

611/01(44). BALTIC SEA. THE SOUND.
CHART 44049 (9TH ED).
1. DANGEROUS WRECK MARKED BY EAST CARDINAL BUOY IN
55-32.9N 012-41.3E.
2. CANCEL HYDROLANT 607/01.

(191525Z FEB 2001)

2700/01(37). DOVER STRAIT.
CHART 37103 (9TH ED).
10.6 METER DEPTH REPORTED IN 50-44.8N 001-16.9E.

(181203Z OCT 2001)

3161/01(44). BALTIC SEA.
CHART 44420 (6TH ED).
SHOALS REPORTED:
A. 14.6 METERS IN 56-30.4N 018-32.2E.
B. 18 METERS IN 56-28.7N 018-32.6E.
C. 18 METERS IN 56-31.4N 018-34.6E.
D. 19 METERS IN 56-29.5N 018-34.5E.

(121653Z DEC 2001)

2002 series

245/02(GEN). IRAQ EMBARGO.

PART 1 OF 2. REFER TO 246/02 FOR PART 2.

1. SUMMARY: THE NAVAL INTERCEPTION EFFORT IN SUPPORT OF THE UNITED NATIONS SANCTIONS PERTAINING TO IRAQ CONTINUES IN THE ARABIAN GULF AND OTHER AREAS WHERE VESSELS ARE INBOUND TO OR OUTBOUND FROM IRAQ. CARGO BOUND FOR AQABA OR TRANSSHIPMENT FROM AQABA WILL NORMALLY BE INSPECTED ASHORE BY A TEAM CONSISTING OF LLOYD'S REGISTER AND THE AQABA PORT AUTHORITY. VESSELS TRaversing THE NORTHERN ARABIAN GULF, THE SHATT AL-ARAB WATERWAY OR KHAWR ABD-ALLAH WATERWAY SHOULD EXPECT TO BE QUERIED AND IF BOUND FOR OR DEPARTING IRAQI PORTS, BOARDED BY MULTINATIONAL NAVAL UNITS ENFORCING UNITED NATIONS SANCTIONS. DOCUMENTATION REQUIREMENTS FOR THE OFFICIALS IN AQABA AND THE NAVAL UNITS IN THE ARABIAN GULF ARE IDENTICAL. IRAQ-BOUND CARGOES OTHER THAN APPROVED FOOD, MEDICAL SUPPLIES OR HUMANITARIAN ITEMS WILL NOT BE ALLOWED TO PASS. VESSELS NOT IN POSSESSION OF APPROPRIATE AUTHORIZATION LETTERS FROM THE UNITED NATIONS MAY BE SUBJECT TO DELAY UNTIL PROPER DOCUMENTATION IS OBTAINED. ALL GOODS SENT INTO IRAQ UNDER THE OIL-FOR-FOOD PROGRAM REQUIRE A UNITED NATIONS AUTHORIZATION LETTER. ALL GOODS SENT LEGALLY INTO IRAQ OUTSIDE THE OIL-FOR-FOOD PROGRAM, WITH THE EXCEPTION OF FOOD AND MEDICINE, REQUIRE A UNITED NATIONS AUTHORIZATION LETTER. FOOD AND MEDICINE ARE NOT SUBJECT TO UNITED NATIONS SANCTIONS AND ARE NOT REQUIRED TO HAVE A UNITED NATIONS AUTHORIZATION LETTER UNLESS THEY ARE BEING SENT IN UNDER THE OIL-FOR-FOOD PROGRAM.
2. UNITED NATIONS SECURITY COUNCIL RESOLUTION 986 AND SUBSEQUENT RESOLUTIONS, THE OIL-FOR-FOOD PROGRAM: THE IMPLEMENTATION OF OIL-FOR-FOOD DOES NOT AFFECT THE MISSION OF THE MULTINATIONAL FORCES OPERATING UNDER THE AUTHORITY OF UNSCR 661 (1990), UNSCR 665 (1990), AND OTHER RELEVANT RESOLUTIONS. THE OPERATING PROCEDURES SET FORTH IN THIS NOTICE ACCOUNT FOR THE REQUIREMENTS OF UNSCR 986 AND SUBSEQUENT RESOLUTIONS. SHIPS TRaversing THE ENFORCEMENT AREA IN THE ARABIAN GULF SHOULD EXPECT DELAYS STEMMING FROM MARITIME INTERCEPTION OPERATIONS. STRICT ADHERENCE TO THE PROCEDURES IN THIS NOTICE WILL MINIMIZE ANY DELAYS ASSOCIATED WITH SEABORNE INSPECTIONS.
3. THE FOLLOWING REQUIREMENTS ARE IN EFFECT FOR ALL IRAQ-BOUND

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SHIPPING TRaversing THE MARITIME INTERCEPTION OPERATIONS AREA IN THE ARABIAN GULF:

A. NOTIFICATION: A MINIMUM OF 72 HOURS ADVANCE NOTIFICATION IS REQUIRED PRIOR TO ARRIVAL AT THE ENFORCEMENT AREA. CONTACT THE MARITIME INTERCEPTION FORCES (MIF) COORDINATOR, U.S. NAVAL FORCES, CENTRAL COMMAND (BAHRAIN) BY FAX: 973 724 344 OR 973 724 334 OR LETTER (SEE PARAGRAPH 8). THE FOLLOWING INFORMATION MUST BE INCLUDED:

- (1) VESSEL NAME.
- (2) VESSEL FLAG.
- (3) INTERNATIONAL RADIO CALL SIGN.
- (4) ITINERARY, INCLUDING PORT OF CARGO ORIGIN.
- (5) DESCRIPTION OF CARGO.
- (6) VOLUME OF CARGO.
- (7) NUMBER OF HOLDS.
- (8) DIMENSIONS OF HOLDS.
- (9) IDENTIFICATION OF THE VESSEL'S SHIPPING AGENT.
- (10) IDENTIFICATION OF THE VESSEL'S OWNERS.
- (11) IF REQUIRED (REFER TO PARAGRAPH 1), UNITED NATIONS SECURITY COUNCIL LETTER SHOWING SERIAL NUMBER, ISSUE DATE AND EXPIRATION DATE.
- (12) ESTIMATED ARRIVAL DATE AND TIME AT THE CHECKPOINT (SEE PARAGRAPH 3.C).

B. CARGO CONFIGURATION: ALL CARGO MUST BE ACCESSIBLE FOR INSPECTION AT SEA. CARGO CARRIERS ARE RESPONSIBLE FOR LOADING CARGOES TO ENSURE ACCESSIBILITY. THE FOLLOWING SPECIFIC GUIDANCE APPLIES:

- (1) CONTAINERIZED CARGO: CARGO CONTAINERS MUST NOT BE STACKED MORE THAN THREE HIGH FROM THE DECK. AS A SAFETY PRECAUTION TO PROTECT INSPECTION TEAMS, CONTAINERS STACKED MORE THAN THREE HIGH WILL BE CONSIDERED INACCESSIBLE. THIS PROVISION APPLIES TO BOTH INTERNAL AND DECK-LOADED CONTAINERS.
- (2) BREAK BULK: PACKAGED OR BAGGED CARGO MUST BE LOADED IN A MANNER WHICH PERMITS THOROUGH INSPECTION. PALLETIZED ROWS OF CARGO REQUIRE ADEQUATE SEPARATION TO ALLOW FOR SAFE ACCESS.
- (3) LOOSE BULK: LOOSE BULK CARGO MUST BE ACCESSIBLE FOR PHYSICAL AND VISUAL INSPECTION, VERIFICATION OF MEASUREMENT SOUNDINGS AND SAMPLING. HATCH COVERS MUST BE OPENED TO ALLOW FOR THOROUGH INSPECTION.
- (4) IF A VESSEL'S CARGO IS DEEMED INACCESSIBLE FOR INSPECTION, THE VESSEL MAY BE DIRECTED TO RETURN TO A PORT WHERE ACCEPTABLE CARGO LOADING CAN BE ARRANGED.

C. CHECKPOINT: VESSELS BOUND FOR OR DEPARTING FROM IRAQI PORTS OR THE MINA AL-BAKR OIL TERMINAL MUST PASS WITHIN A FIVE NAUTICAL MILE RADIUS OF LATITUDE TWENTYNINE DEGREES TWELVE MINUTES NORTH AND LONGITUDE FORTYNINE DEGREES TWENTY MINUTES EAST (29-12N 049-20E). APPROACHING VESSELS SHOULD CONTACT THE MIF COMMANDER ON BRIDGE-TO-BRIDGE RADIO, CHANNEL 16, WHEN WITHIN FIVE NAUTICAL MILES OF THIS POINT. VESSELS WILL NOT BE PERMITTED TO PROCEED FROM THIS POINT UNTIL CLEARED BY THE MIF COMMANDER. VESSELS CONTAINING CARGOES FOR DESTINATIONS OTHER THAN IRAQ WILL NOT BE ALLOWED PASSAGE INTO IRAQ.

D. VESSEL TONNAGE LIMIT: VESSELS UNDER 30,000 DWT WILL NOT BE AUTHORIZED TO PROCEED TO MINA AL-BAKR FOR THE PURPOSE OF LOADING PETROLEUM CARGOES.

(011305Z FEB 2002)

246/02(GEN). IRAQ EMBARGO.

PART 2 OF 2. REFER TO 245/02 FOR PART 1.

E. DOCUMENTATION: VESSEL DOCUMENTATION MUST CONFORM TO THE FOLLOWING REQUIREMENTS:

- (1) AN ORIGINAL MANIFEST LIST, DESCRIBING THE CARGO AS WELL AS ITS LOCATION IN THE SHIP, MUST BE ON BOARD. THE ORIGINAL MANIFEST MUST INCLUDE THE PORT OF ORIGIN, PORTS OF CALL, COMPLETE BUSINESS NAMES AND ADDRESSES OF ALL SHIPPERS AND CONSIGNEES AND A FINAL DESTINATION OF ALL CARGO. A COMPLETE BUSINESS ADDRESS MUST INCLUDE EITHER THE STREET ADDRESS, A PROMINENT IDENTIFIABLE GEOGRAPHIC LOCATION OR A POST OFFICE BOX PLUS A TELEPHONE NUMBER OR FAX NUMBER.
- (2) CARGO ADDRESSED TO A FREE-TRADE ZONE MUST HAVE THE NAME, ADDRESS, TELEPHONE OR FAX NUMBER OF THE CONSIGNEE TAKING CUSTODY OF THE CONTAINER OR CARGO.
- (3) CONSIGNEE NAMES AND ADDRESSES ON ALL CARGO MUST MATCH THE MANIFEST.
- (4) THE MANIFEST MUST BE SIGNED IN THE ORIGINAL BY THE VESSEL'S MASTER OR CHIEF MATE. THE MANIFEST MAY BE ON SHIPPER'S LETTERHEAD, FAX, PHOTOCOPY OR COMPUTER PRINTOUT, BUT IT MUST BEAR AN ORIGINAL SIGNATURE, CONTAIN ALL THE INFORMATION LISTED ABOVE AND OTHERWISE COMPLY WITH NORMAL MARITIME TRANSPORT PRACTICE.

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- (5) THE ORIGINAL MANIFEST MAY CONSIST OF MORE THAN ONE DOCUMENT IF THERE ARE AMENDMENTS THAT LIST CARGO DROPPED OFF AT A GIVEN PORT OR CORRECT THE ORIGINAL MANIFEST. THESE AMENDMENTS MAY ORIGINATE FROM THE SHIPPER OR CARRIER. SINCE ADDITIONAL DOCUMENTS MAY BE TRANSMITTED TO A VESSEL BY SUCH MEANS AS TELEGRAM OR FAX, THEY NEED NOT BEAR AN ORIGINAL SIGNATURE. HOWEVER, THE MASTER IS REQUIRED TO CERTIFY IN WRITING THAT THE AMENDED MANIFEST ACCURATELY REFLECTS WHAT IS ON BOARD THE VESSEL. THE UNDERLYING REQUIREMENTS ARE FOR ACCURATE DOCUMENTATION OF CARGO AND DESTINATION AND FOR A HIGH DEGREE OF CONFIDENCE THAT THE DOCUMENTS ARE AUTHENTIC.
- (6) IF APPLICABLE, THE CARGO DOCUMENTATION MUST INCLUDE A COPY OF THE AUTHORIZATION ISSUED BY THE U.N. PURSUANT TO UNSCR 661 OR UNSCR 986 AND SUBSEQUENT RESOLUTIONS. REFER TO PARAGRAPH 1 ABOVE FOR SPECIFIC AUTHORIZATION REQUIREMENTS.
4. VESSEL PRE-CLEARANCE:
- A. OIL TANKERS INBOUND TO THE MINA AL-BAKR TERMINAL PURSUANT TO U.N. AUTHORIZATION UNDER UNSCR 986 AND SUBSEQUENT RESOLUTIONS WILL NORMALLY BE AUTHORIZED TO PROCEED UNINTERRUPTED THROUGH THE CHECKPOINT DESCRIBED IN PARAGRAPH 3.C. ADVANCE NOTIFICATION AND CHECK-IN ON CHANNEL 16 ARE STILL REQUIRED.
 - B. VESSELS TRANSPORTING BULK HUMANITARIAN CARGOES ARE INVITED TO CONTACT THE MIF COORDINATOR PRIOR TO SAILING TO EXPLORE PRE-CLEARANCE OPTIONS WHICH USE VOYAGE MONITORING METHODS AND CARGO LOADING CERTIFICATION FROM APPROVED AGENTS. THE MIF COORDINATOR MAY CONSIDER ALTERNATE PRE-CLEARANCE PROCEDURES ON A CASE-BY-CASE BASIS.
 - C. NOTWITHSTANDING THE PRE-CLEARANCE OPTIONS DISCUSSED ABOVE, THE MULTINATIONAL NAVAL FORCES RETAIN THE RIGHT UNDER UNSCR 665 AND OTHER RELEVANT RESOLUTIONS TO CONDUCT DOCUMENT CHECKS AND AT-SEA INSPECTIONS OF ANY VESSEL WHEN DEEMED NECESSARY.
5. INCOMPLETE DOCUMENTATION: IRAQ-BOUND VESSELS WHICH ARE DETERMINED TO HAVE INCOMPLETE CARGO MANIFESTS OR TO BE OTHERWISE IN VIOLATION OF REQUIREMENTS LISTED IN THIS ADVISORY, MAY BE DETAINED BY THE NAVAL FORCES OR DIVERTED TO A NON-IRAQ PORT UNTIL APPROPRIATE CONDITIONS ARE MET.
6. PETROLEUM EXPORTS AND BUNKER FUEL NOT APPROVED BY THE U.N.: OUTBOUND VESSELS ARE SUBJECT TO SEARCH BY THE MIF. IF AN INTERCEPTED VESSEL IS SUSPECTED TO BE CARRYING A CARGO OF IRAQI PETROLEUM, PETROLEUM PRODUCTS OR HAS TAKEN ON IRAQI BUNKER FUEL WITHOUT U.N. AUTHORIZATION, THE MIF WILL TAKE CARGO AND BUNKER FUEL SAMPLES FOR LABORATORY ANALYSIS, EXAMINATION, AND COMPARISON WITH IRAQI CONTROL SAMPLES. VESSELS SUSPECTED OF VIOLATING U.N. SANCTIONS MAY BE DETAINED, AND IF IT IS DETERMINED THAT A PETROLEUM CARGO IS OF IRAQI ORIGIN, THE CARGO WILL BE SEIZED AND DISPOSED OF IN ACCORDANCE WITH UNSCR 778. IN SUCH CASES THE VESSEL ITSELF AND CREW MAY BE SUBJECT TO ENFORCEMENT ACTIONS BY AN ACCEPTING U.N. MEMBER STATE.
7. CRUISE AND PASSENGER SHIPS: CRUISE OR PASSENGER SHIPS TRaversing the MIF ENFORCEMENT AREA WILL BE SUBJECT TO THE FOLLOWING REQUIREMENTS:
- A. VESSELS WITH NO COMMERCIAL CARGO CARRYING CAPACITY MAY ARRANGE FOR AN EXPEDITIOUS TRANSIT THROUGH THE ENFORCEMENT AREA BY FORWARDING CERTIFICATION FROM A MEMBER OF THE INTERNATIONAL ASSOCIATION OF CLASSIFICATION SOCIETIES (IACS) THAT THE SHIP HAS NO SUCH CAPACITY. THE CERTIFICATION MUST BE SENT BY LETTER OR FAX AT LEAST SIXTY DAYS PRIOR TO TRANSIT.
 - B. A PASSENGER VESSEL ARRIVING IN THE ENFORCEMENT AREA WHICH HAS NOT COMPLIED WITH THE REQUIREMENTS OF PARAGRAPH 7.A WILL BE BOARDED AND INSPECTED DURING DAYLIGHT HOURS. IF IT IS DETERMINED THAT THE VESSEL HAS NO COMMERCIAL CARGO CARRYING CAPACITY, ITS IDENTIFICATION WILL BE RECORDED SO THAT IT MAY BE VISUALLY IDENTIFIED AND NOT BOARDED DURING SUBSEQUENT TRANSITS.
8. FOR MERCHANT ADVISORY UPDATES, VESSELS SHOULD CONTACT THE COMMANDER, U.S. NAVAL FORCES CENTRAL COMMAND, MARITIME INTERCEPTION COORDINATOR (N31CG), FPO AE 09501 6008, PHONE: 973 724 839 OR 973 724 841.
FAX: 973 724 344 OR 973 724 334,
9. CANCEL HYDROLANT 384/01 AND 385/01.

(011310Z FEB 2002)

2203/02(51). NORTH ATLANTIC. SENEGAL.

1. DERELICT M/V JOOLA AGROUND VICINITY 13-15.3N 016-59.3W.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2184/02.

(031801Z OCT 2002)

2682/02(51). SIERRA LEONE.

- CHART 51620 (10TH ED).
DANGEROUS WRECK REPORTED VICINITY 07-26N 012-56W.

(051250Z DEC 2002)

SECTION III

2848/02(37). DOVER STRAIT.

CHART 37129 (6TH ED).

1. DANGEROUS WRECK IN 51-22.0N 002-12.8E MARKED BY:
 - A. NORTH, EAST AND WEST CARDINAL BUOYS.
 - B. TWO SOUTH CARDINAL BUOYS, MOST EASTERLY WITH RACON.
2. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE WITHIN 700 METERS OF WRECK.
VESSELS REQUESTED TO PASS SOUTH OF BUOYS.
3. DANGEROUS WRECK MARKED BY BUOY IN 51-19.4N 002-13.7E.
4. CANCEL HYDROLANT 2836/02.

(270140Z DEC 2002)

2869/02(52). TUNISIA-NORTHEAST COAST. GUNNERY.

1. GUNNERY EXERCISES 01 JAN THRU 31 DEC IN AREA BETWEEN 37-45N 38-00N AND 010-15E 010-30E.
2. CANCEL THIS MSG 01 JAN 04.

(301312Z DEC 2002)

2882/02(54). AEGEAN SEA. GUNNERY.

1. GUNNERY EXERCISES DURING DAYLIGHT HOURS DAILY 01 JAN THRU 31 DEC IN AREA BOUND BY 38-02N 024-52E, 38-16N 025-21E, 37-48N 025-49E, 37-34N 025-23E, 37-42N 025-01E, 38-00N 024-52E.
2. CANCEL THIS MSG 01 JAN 04.

(311220Z DEC 2002)

2883/02(54). SEA OF CRETE. MISSILES.

1. HAZARDOUS OPERATIONS 0530Z TO SUNSET DAILY WEDNESDAY, THURSDAY AND FRIDAY UNTIL 31 DEC IN AREA BOUND BY 35-36N 024-07E, 36-18N 025-59E, 36-25N 026-12E, 36-16N 026-40E, 35-36N 026-41E, 35-31N 024-11E.
2. CANCEL THIS MSG 01 JAN 04.

(311240Z DEC 2002)

2003 series

41/03(37). ENGLISH CHANNEL.

CHART 37043 (17TH ED).

SIX BUOYS, FL (5) Y 20 SEC, ESTABLISHED WITHIN 500 METERS OF 50-02.1N 004-22.6W.

(061758Z JAN 2003)

67/03(37). DOVER STRAIT.

CHART 37125 (15TH ED).

EIGHT METER DEPTH REPORTED IN 51-01.40N 001-50.65E.

(102100Z JAN 2003)

544/03(55). BLACK SEA. ROMANIA.

CHART 55120 (2ND ED).

LARGE STRUCTURE ESTABLISHED, LEAST DEPTH 22 METERS, IN 44-28.8N 029-38.7E.

(120220Z MAR 2003)

604/03(26,27). GUANTANAMO BAY NAVAL DEFENSE SEA AREA.

AT NO TIME SHALL ANY SHIP OR OTHER CRAFT, OTHER THAN PUBLIC SHIPS OF THE UNITED STATES, BE NAVIGATED INTO GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA, UNLESS AUTHORIZED BY THE SECRETARY OF THE NAVY. COMMANDER, U.S. NAVAL BASE, GUANTANAMO BAY, CUBA, HAS BEEN AUTHORIZED TO ACT ON REQUESTS FROM VESSELS WHOSE NORMAL LEGITIMATE BUSINESS REQUIRES ENTRY INTO GUANTANAMO BAY. U.S. NAVAL BASE GUANTANAMO MAINTAINS A COMMUNICATIONS GUARD "GUANTANAMO BAY PORT CONTROL" ON MARINE BAND VHF CHANNEL 12 (156.6MZ) AND 16 (156.8MZ). THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA IS DESCRIBED AS FOLLOWS: THE TERRITORIAL WATERS WITHIN GUANTANAMO BAY, CUBA BETWEEN HIGH AND LOW WATER MARK AND THE SEA AND IN AND ABOUT THE ENTRANCE CHANNEL WITHIN A LINE BEARING TRUE SOUTH EXTENDING THREE NAUTICAL MILES FROM THE SHORE LINE OF THE EASTERN BOUNDARY OF GUANTANAMO NAVAL RESERVATION (LONGITUDE 75 DEGREES 05 MINUTES 15 SECONDS) AND A LINE BEARING TRUE SOUTH EXTENDING THREE NAUTICAL MILES FROM THE SHORELINE OF THE WESTERN BOUNDARY OF THE SAID NAVAL RESERVATION (LONGITUDE 75 DEGREES 14 MINUTES 00 SECONDS) AND A LINE JOINING THE EXTREMITIES OF THE ABOVE TWO BEARING LINES, AND HEREBY SET APART AND RESERVED AS A NAVAL DEFENSIVE SEA AREA. ALL VESSELS ARE DIRECTED TO STAND CLEAR OF THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA.

(212253Z MAR 2003)

SECTION III

NM 52/03

738/03(35). ORKNEY ISLANDS.

CHART 35200 (7TH ED).

1. TOR NESS LIGHT 58-46.7N 003-17.6W
CHANGED TO: FL W 5 SEC 17 MILES.
2. CANCEL HYDROLANT 733/03(23).

(091630Z APR 2003)

754/03(37). FRANCE-NORTHWEST COAST.

CHART 37050 (9TH ED).

1. SOUTHWEST BUOY RELOCATED TO 48-30N 005-45W.
2. CANCEL HYDROLANT 752/03(37).

(111040Z APR 2003)

867/03(37). FRANCE-NORTHWEST COAST.

CHART 37050 (9TH ED).

1. NORTHEAST BUOY RELOCATED TO 48-59.5N 005-24.0W.
2. CANCEL HYDROLANT 843/03, AID RESTORED.

(292046Z APR 2003)

1117/03(37). ENGLAND-EAST COAST.

CHART 37180 (20TH ED).

1. DANGEROUS WRECK MARKED BY EAST CARDINAL BUOY,
Q (3) 10 SEC IN 53-45.02N 000-20.56E.
2. CANCEL HYDROLANT 1108/03.

(071915Z JUN 2003)

1242/03(24). BRAZIL-NORTH COAST.

CHART 24270 (3RD ED).

1. RECIFE MANOEL LUIS BF-1 LIGHTFLOAT
00-49S 044-16W TEMPORARILY REMOVED.
2. CANCEL HYDROLANT 1219/03.

(270555Z JUN 2003)

1291/03(37). DOVER STRAIT.

SALVAGE OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE VICINITY 51-22.0N 002-12.9E.

500 METER BERTH REQUESTED.

(031400Z JUL 2003)

1374/03(52,53). STRAIT OF SICILY.

CHART 52180 (14TH ED).

SCAURI LIGHT 36-46.1N 011-57.5E UNLIT.

(171338Z JUL 2003)

1422/03(53). SARDEGNA-WEST COAST.

CHART 53110 (1ST ED).

OCEANOGRAPHIC BUOY 39-59.10N 007-34.20E REMOVED.
OCEANOGRAPHIC BUOY, FL (2) Y 20 SEC, ESTABLISHED
IN 39-53.75N 007-33.43W.

(240940Z JUL 2003)

1472/03(35). SCOTLAND-WEST COAST.

CHART 35299 (9TH ED).

1. MC ARTHURS HEAD LIGHT 55-46N 006-03W TEMPORARILY
CHANGED TO: FL (2) W 10 SEC 8 MILES.
2. CANCEL HYDROLANT 1434/03(52).
3. CANCEL HYDROLANT 1213/03.

(041040Z AUG 2003)

1522/03(51,52). STRAIT OF GIBRALTAR.

1. NATO WARSHIPS ARE CONDUCTING ESCORT OPERATIONS
IN THE STRAIT OF GIBRALTAR IN ORDER TO MAINTAIN
SECURITY IN THE AREA AND TO ENSURE THE SAFE
TRANSIT OF DESIGNATED ALLIED SHIPS.
2. ALL VESSELS SAILING THROUGH THE
STRAIT OF GIBRALTAR ARE REQUESTED TO KEEP
500 YARDS CLEAR OF ESCORT FORMATIONS AND
ARE ADVISED TO LISTEN ON VHF CHANNEL 16.
3. ANY VESSEL APPROACHING A MILITARY FORMATION
WITHOUT ESTABLISHING COMMUNICATIONS MAY BE
CONSIDERED AS HAVING POTENTIALLY HOSTILE INTENTIONS.
4. NOTHING IN THIS NAVIGATIONAL WARNING IS INTENDED
TO IMPEDE OR INTERFERE WITH THE FREEDOM OF
NAVIGATION. THIS WARNING IS PUBLISHED SOLELY
TO ADVISE ABOUT THE HEIGHTENED STATE
OF READINESS OF NATO FORCES.

(111050Z AUG 2003)

SECTION III

1553/03(37). ENGLAND-SOUTHEAST COAST.

CHART 37150 (8TH ED).

1. DANGEROUS WRECK MARKED BY EAST CARDINAL BUOY,
VQ (3) 5 SEC, RACON (D) IN 52-33.47N 002-32.88E
AND WEST CARDINAL BUOY IN 52-33.47N 002-32.52E.
2. CANCEL HYDROLANT 1516/03.

(150920Z AUG 2003)

1620/03(53,56). SICILIA TO LIBYA.

1. PIPELINE OPERATIONS IN PROGRESS UNTIL 24 FEB BY
M/V CASTORO 6 VICINITY OF TRACKLINE BETWEEN
37-02.3N 014-17.6E AND 32-51.5N 012-14.8E.
TWO MILE BERTH REQUESTED.
2. CANCEL THIS MSG 25 FEB 04.

(250650Z AUG 2003)

1647/03(51,52). MOROCCO. GUNNERY.

1. GUNNERY EXERCISES 02 SEP THRU 31 DEC
WITHIN 20 MILES OF:
A. 33-41N 008-03W.
B. 29-53N 010-15W.
C. 27-00N 013-50W.
D. 23-35N 017-00W.
E. 35-22N 004-05W.
2. CANCEL THIS MSG 01 JAN 04.

(290910Z AUG 2003)

1731/03(35). IRELAND-SOUTH COAST.

CHART 35036 (21ST ED).

MINE HEAD LIGHT 51-59.6N 007-35.2W RANGE REDUCED TO 20 MILES.

(102345Z SEP 2003)

1834/03(22). ARGENTINA. TIERRA DEL FUEGO.

CHART 22036 (28TH ED).

1. CABO SAN DIEGO LIGHT 54-39S 065-07W UNLIT.
2. CANCEL HYDROLANT 390/03 AND 1831/03(11).

(260810Z SEP 2003)

1863/03(37). FRANCE-NORTHWEST COAST.

CHART 37050 (9TH ED).

RACON AT NORTHEAST BUOY 48-59.5N 005-24.0W UNRELIABLE.

(011010Z OCT 2003)

1912/03(55). BLACK SEA.

1. GEOPHYSICAL OPERATIONS 15 OCT THRU 30 DEC
BY M/V ISKATEL TOWING TWO MILE LONG CABLE
IN AREA BOUND BY
45-07.2N 030-01.0E, 45-36.0N 029-57.0E,
45-58.2N 030-23.7E, 46-13.2N 031-09.2E,
45-27.8N 030-43.8E, 45-14.1N 030-48.2E,
45-16.9N 031-17.1E, 44-41.8N 031-38.8E,
44-24.5N 031-36.5E, 44-17.8N 030-48.2E,
44-54.1N 030-06.1E. THREE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 31 DEC.

(101640Z OCT 2003)

1944/03(53). TYRRHENIAN SEA.

CHART 53180 (10TH ED).

ISOLA ALICUDI LIGHT 38-32.0N 014-21.7E UNLIT.

(161340Z OCT 2003)

1948/03(24). BRAZIL-SOUTH COAST.

CHART 24140 (18TH ED).

DGPS STATION AT ILHA DA MOELA LIGHT 24-03.1S 046-15.9W INOPERATIVE.

(170710Z OCT 2003)

1995/03(53). ITALY-SOUTHWEST COAST.

CHART 53180 (10TH ED).

CAPO BONIFATI LIGHT 39-32.5N 015-53.3E UNLIT.

(231010Z OCT 2003)

1999/03(23). ARGENTINA.

CHART 23125 (4TH)

1. EL RINCON BUOY 39-23.9S 061-29.0W MISSING.
2. CANCEL HYDROLANT 1987/03, VESSEL IN TOW.

(231520Z OCT 2003)

SECTION III

NM 52/03

2021/03(53). LIGURIAN SEA.

S/V GRAZIELLA, ONE PERSON ON BOARD, UNREPORTED.
LAST KNOWN POSITION 43-48N 007-46E AT
261100Z OCT. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, TELEX: 4361 1172,
PHONE: 3906 5908 4527, FAX: 3906 592 2737.

(272001Z OCT 2003)

2031/03(55). DARDANELLES.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL:
 - A. 01 DEC ALONG TRACKLINE BETWEEN
40-59.8N 029-00.2E AND 41-00.0N 028-59.6E.
 - B. 07 APR ALONG TRACKLINE BETWEEN
41-04.8N 029-03.9E AND 41-04.6N 029-03.8E.
2. CANCEL HYDROLANT 1845/03 AND 2024/03(37).
3. CANCEL THIS MSG 08 APR 04.

(291040Z OCT 2003)

2054/03(36,37). NORTH ATLANTIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM F/V BALAOU II
IN 45-21-25N 009-29-13W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF
POSSIBLE. REPORTS TO MRCC FALMOUTH.

(010520Z NOV 2003)

2058/03(24). BRAZIL-SOUTH COAST.

CHART 24120 (9TH ED).
PONTA DA GALHETA LIGHT 27-34.5S 048-25.0W UNLIT.

(011458Z NOV 2003)

2111/03(53). EASTERN MEDITERRANEAN SEA.

SURVEY OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V ODIN FINDER ALONG TRACKLINE JOINING
35-54.8N 014-29.6E, 35-56.0N 014-31.5E,
36-00.5N 014-40.8E, 36-07.6N 014-58.7E,
36-11.8N 015-08.5E, 36-16.3N 015-11.9E,
36-27.1N 015-19.9E, 36-35.2N 015-25.8E,
36-42.3N 015-30.2E, 36-59.8N 015-36.3E,
37-06.8N 015-34.6E, 37-18.3N 015-28.1E,
37-20.3N 015-21.9E, 37-25.1N 015-10.0E,
37-26.8N 015-05.1E. WIDE BERTH REQUESTED.

(101220Z NOV 2003)

2116/03(24). URUGUAY.

CHART 24060 (2ND ED).
1. RADIOBEACON AT CABO POLONIO LIGHT 34-24S 053-47W
AT REDUCED POWER.
2. CANCEL HYDROLANT 1988/03.

(111100Z NOV 2003)

2118/03(57). SOUTH ATLANTIC. ANGOLA.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V RAMFORM VALIANT TOWING FOURTEEN
4000 METER LONG CABLES IN AREA BOUND BY
07-25.4S 011-56.6E, 07-23.5S 012-02.2E,
07-28.3S 012-14.4E, 07-42.5S 012-14.4E,
07-44.3S 012-11.5E, 07-44.1S 012-01.4E,
07-41.5S 011-52.2E, 07-37.3S 011-52.2E.
FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2115/03.

(111140Z NOV 2003)

2124/03(54). EASTERN MEDITERRANEAN SEA.

1. 27 METER F/V ROSA MARINO, FIVE PERSONS ON BOARD,
UNREPORTED. LAST KNOWN POSITION VICINITY
34-52N 024-10E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, TELEX: 611172,
PHONE: 390 6590 84527, FAX: 390 6592 2737.
2. CANCEL HYDROLANT 2123/03, SIGNAL CEASED.

(120640Z NOV 2003)

2130/03(24). BRAZIL-NORTH COAST.

CHART 24290 (3RD ED).
1. RADIOBEACON AT SALINOPOLIS LIGHT 00-37S 047-21W INOPERATIVE.
2. CANCEL HYDROLANT 2093/03.

(130810Z NOV 2003)

2143/03(52). TUNISIA-EAST COAST.

CHART 52164 (2ND ED).
DANGEROUS WRECK IN 34-07N 010-35E.

(141240Z NOV 2003)

SECTION III

2144/03(22). SOUTH ATLANTIC. ARGENTINA.

CHART 22036 (28TH ED).

PLATFORM ESTABLISHED IN 52-45.43S 067-13.17W.

THREE MILE BERTH REQUESTED.

(141520Z NOV 2003)

2159/03(57,61). SOUTH ATLANTIC.

PERSON REQUIRING MEDICAL ASSISTANCE IN 39-28S 013-24E.

VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL

ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE.

REPORTS TO CAPE TOWN RADIO, TELEX: 9551 1600,

PHONE: 272 1551 0700, FAX: 272 1551 3760.

(171500Z NOV 2003)

2168/03(57). SOUTH ATLANTIC.

F/V HONG IU REPORTS CREWMAN WITH HEAD INJURY

IN 01-20S 010-40W AT 181020Z NOV. VESSELS

IN VICINITY ABLE TO PROVIDE MEDICAL

ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE.

REPORTS TO VESSEL, PHONE: 762 465 550

OR RCC CAPE TOWN, PHONE: 272 1787 2222

OR RCC NORFOLK, PHONE: 757 398 6231.

(181110Z NOV 2003)

2175/03(24). BRAZIL-SOUTH COAST.

CHART 24150 (27TH ED).

RACON AT PONTA DO BOI LIGHT 23-58S 045-15W INOPERATIVE.

(201020Z NOV 2003)

2188/03(52). ALGERIA.

CHART 52060 (16TH ED).

ILE RACHGOUN LIGHT 35-19.5N 001-28.7W UNLIT.

(221443Z NOV 2003)

2193/03(53). SICILIA-SOUTH COAST.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V POLAR PRINCE ALONG TRACKLINE BETWEEN
36-58.5N 014-14.2E AND COASTLINE.

2. CANCEL HYDROLANT 2083/03(53,54).

(231720Z NOV 2003)

2202/03(51). MOROCCO. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0700Z TO 1800Z DAILY
28 NOV THRU 31 DEC IN AREA BOUND BY
28-46.5N 010-48.5W, 29-18.0N 011-06.0W,
29-08.0N 011-28.0W, 28-42.8N 010-56.7W.

2. CANCEL THIS MSG 311900Z DEC.

(241520Z NOV 2003)

2203/03(53). SICILIA-EAST COAST.

CHART 53212 (2ND ED).

PUNTA GENNALENA LIGHT 37-11.8N 015-11.2E UNLIT.

(241540Z NOV 2003)

2204/03(52,53). STRAIT OF SICILY.

1. 33 METER F/V NASSER, GREEN AND WHITE HULL,
11 PERSONS ON BOARD, UNREPORTED VICINITY
STRAIT OF SICILY. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
TELEX: 4361 1172, PHONE: 390 6592 4145,
FAX: 390 6590 84793.

2. CANCEL HYDROLANT 2201/03(35), OPERATIONS CANCELED.

(241900Z NOV 2003)

2214/03(53). TYRRHENIAN SEA.

1. SURVEY OPERATIONS 28 NOV THRU 17 DEC BY M/V URANIA:

A. IN AREA BETWEEN
38-37-12N 38-35-15N AND 015-05-24E 015-07-48E.

B. IN AREA BETWEEN
38-38-48N 38-37-48N AND 014-50-36E 014-52-36E.

C. IN AREA BETWEEN
39-29-13N 39-25-28N AND 014-16-23E 014-23-48E.

D. ALONG TRACKLINE JOINING 38-50-00N 015-25-00E,
38-55-00N 015-20-00E, 39-00-00N 015-10-00E,

39-00-00N 015-00-00E, 39-10-00N 014-50-00E,

39-05-00N 014-35-00E, 39-00-00N 014-25-00E,

39-25-00N 014-15-00E, 39-25-00N 014-05-00E.

WIDE BERTH REQUESTED.

2. CANCEL HYDROLANT 1780/03(51,52), STATION RESTORED.

SECTION III

NM 52/03

3. CANCEL HYDROLANT 2183/03(37), OPERATIONS SUSPENDED.
4. CANCEL THIS MSG 18 DEC.

(261425Z NOV 2003)

2215/03(GEN). NATIONAL IMAGERY AND MAPPING AGENCY (NIMA)
BECOMES THE NATIONAL GEOSPATIAL-INTELLIGENCE
AGENCY (NGA).

1. THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) OFFICIALLY BECAME THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) EFFECTIVE 24 NOV.
2. WHILE THE ORGANIZATION NAME HAS CHANGED, DISTRIBUTORS AND CUSTOMERS OF NGA PRODUCTS ARE ADVISED THAT THIS CHANGE HAS NOT AFFECTION THE STRUCTURE OF THE ORGANIZATION OR THE PRODUCT LINE AVAILABLE FROM NGA. PRODUCTS SHOULD CONTINUE TO BE ORDERED AS IN THE PAST.
3. THE AGENCY NAME, INITIALS AND LOGO ON PRODUCTS WILL TRANSITION TO THE NEW VERSION AS PRODUCTS ARE REVISED. ALSO, FOR A TIME THE AGENCY COMMUNICATIONS WILL ACCEPT BOTH NIMA AND NGA ADDRESSING. WEB SITE AND E-MAIL ADDRESSES ARE TRANSITIONING, E.G., FROM NIMA.MIL TO NGA.MIL. NAVIGATION WARNINGS ISSUED BY NGA WILL CONTINUE TO BE ISSUED WITH A NIMA ADDRESS FOR APPROXIMATELY THE NEXT TWO MONTHS UNTIL THE ADDRESSING SYSTEM TRANSITIONS TO NGA.
4. NGA LOOKS FORWARD TO PROVIDING CONTINUED QUALITY SUPPORT TO OUR WORLDWIDE CUSTOMERS.

(261750Z NOV 2003)

2225/03(52,53). STRAIT OF SICILY.

1. PIPELINE OPERATIONS 01 DEC THRU 09 FEB BY
M/V SKANDI INSPECTOR VICINITY OF TRACKLINE
JOINING 37-10N 011-10E, 37-30N 011-40E,
37-40N 012-30E, 37-35N 012-35E,
37-10N 011-50E, 37-00N 011-30E,
37-02N 011-04E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 10 FEB 04.

(280820Z NOV 2003)

2227/03(53). SARDEGNA-EAST COAST. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS:
 - A. 0800Z TO 1900Z DAILY 01 THRU 05,
09 THRU 12 AND 15 THRU 19 DEC
IN AREA BOUND BY
40-00N 010-00E, 40-00N 010-30E,
39-10N 010-30E, 39-10N 010-00E,
39-26N 009-38E, 39-38N 009-38E.
 - B. 0800Z TO 1630Z DAILY 01 THRU 05,
09, 11, 16 AND 18 DEC
IN AREA BOUND BY
40-15N 010-00E, 40-15N 011-31E,
40-11N 011-33E, 39-32N 011-38E,
38-52N 011-28E, 39-10N 010-00E,
39-28N 009-38E, 39-43N 009-40E.
 - C. 0800Z TO 1630Z DAILY 01 THRU 05,
09, 11, 16 AND 18 DEC
IN AREA BOUND BY
40-37N 009-50E, 40-40N 010-35E,
40-40N 010-50E, 39-20N 010-50E,
39-20N 009-47E, 39-24N 009-40E.
2. CANCEL THIS MSG 192000Z DEC.

(281400Z NOV 2003)

2234/03(53). SICILIA-SOUTHEAST COAST. GUNNERY.

1. GUNNERY EXERCISES SUNRISE TO SUNSET DAILY 01 THRU 12,
15 THRU 19, 22, 23, 26, 29 AND 30 DEC
WITHIN 1.5 MILES OF 36-39-19N 015-00-53E.
2. CANCEL THIS MSG 31 DEC.

(291255Z NOV 2003)

2235/03(37). DOVER STRAIT.

CHART 37106 (4TH ED).
RIDENS SOUTHEAST BUOY 50-43N 001-19E UNLIT.

(291310Z NOV 2003)

2241/03(57). GULF OF GUINEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V OCEAN EXPLORER, M/V BERGEN EXPLORER
AND M/V FALCON EXPLORER IN AREA BETWEEN
04-00.0N 04-14.5N AND 008-02.0E 008-12.2E.
WIDE BERTH REQUESTED.

(011050Z DEC 2003)

SECTION III

2257/03(23,24). SOUTH ATLANTIC. ARGENTINA.
 CHART 23145 (3RD ED).
 DANGEROUS WRECK VICINITY 36-15S 056-02W.

(031150Z DEC 2003)

2258/03(52). ALGERIA.
 CHART 52240 (9TH ED).
 CAP BENGUT LIGHT 36-55N 003-54E UNRELIABLE.

(031402Z DEC 2003)

2263/03(53). SICILIA-SOUTH COAST.
 1. SURVEY OPERATIONS 06 DEC UNTIL FURTHER NOTICE
 BY M/V SEISQUEST IN AREA BOUND BY
 37-06-30N 013-27-23E, 37-02-26N 014-13-20E,
 36-42-45N 013-59-29E, 36-44-17N 013-42-43E,
 36-56-06N 013-20-11E. WIDE BERTH REQUESTED.
 2. CANCEL HYDROLANT 1606/03(24), 2226/03(24),
 2240/03(24), 2246/03(52) AND 2260/03(37).

(041140Z DEC 2003)

2264/03(37,51). SPAIN-NORTHWEST COAST. NAVTEX.
 NAVTEX STATION CORUNA OFF AIR.

(041650Z DEC 2003)

2265/03(36). ENGLAND-SOUTHWEST COAST.
 UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
 BY CABLESHIP SOVEREIGN VICINITY 50-47N 005-11W.
 WIDE BERTH REQUESTED.

(041700Z DEC 2003)

2266/03(37). DOVER STRAIT.
 CHART 37121 (11TH ED).
 COLBART NORTH BUOY 50-57N 001-23E UNLIT.

(042015Z DEC 2003)

2271/03(37). FRANCE-NORTHWEST COAST.
 CHART 37320 (16TH ED).
 CHAUSSEE DE SEIN BUOY 48-03.8N 005-07.7W UNRELIABLE.

(051010Z DEC 2003)

2272/03(51). NORTH ATLANTIC.
 CABLE OPERATIONS 051900Z DEC UNTIL FURTHER NOTICE
 BY CABLESHIP LEON THEVENIN ALONG TRACKLINE BETWEEN
 36-06.9N 007-20.2W AND 36-09.3N 008-08.9W.
 WIDE BERTH REQUESTED.

(051020Z DEC 2003)

2273/03(53). SICILIA-EAST COAST.
 1. CONTAINER ADRIFT IN 37-06N 015-24E.
 2. CANCEL THIS MSG 12 DEC.

(051830Z DEC 2003)

2276/03(52,53). STRAIT OF SICILY.
 1. DERELICT 12 METER VESSEL ADRIFT VICINITY
 37-08.4N 012-30.4E. REPORTS TO
 ANY COASTAL RADIO STATION.
 2. CANCEL THIS MSG 13 DEC.

(061110Z DEC 2003)

2277/03(GEN).
 1. HYDROLANT MESSAGES IN FORCE 061200Z DEC 2003. ONLY THOSE
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2003 SERIES: 2021(53), 2031(55), 2054(36,37), 2058(24),
 2111(53), 2116(24), 2118(57), 2124(54), 2130(24), 2143(52),
 2144(22), 2159(57,61), 2168(57), 2175(24), 2188(52), 2193(53),
 2200(52), 2202(51), 2203(53), 2204(52,53), 2209(36), 2214(53),
 2215(52), 2216(51), 2217(53), 2218(52,53), 2227(53),
 2234(53), 2235(37), 2241(57), 2247(23), 2253(24), 2254(24),
 2257(23,24), 2258(52), 2261(53), 2262(51), 2263(53),
 2264(37,51), 2265(36), 2266(37), 2270(24), 2271(37),
 2272(51), 2273(53), 2274(24), 2275(37), 2276(52,53).
 2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE
 AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
 WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
 ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
 3. CANCEL HYDROLANT 1961/03, 2233/03, 2255/03.

(061210Z DEC 2003)

SECTION III

NM 52/03

2278/03(37,51). NORTH ATLANTIC.

1. DERELECT 15 METER VESSEL ADRIFT VICINITY
42-51N 010-12W AT 061030Z DEC.
2. CANCEL THIS MSG 13 DEC.

(061255Z DEC 2003)

2279/03(24). BRAZIL-NORTHEAST COAST.

MAN OVERBOARD VICINITY 05-53.42S 035-01.25W
AT 060630Z DEC. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(070230Z DEC 2003)

2280/03(56). EASTERN MEDITERRANEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0600Z TO 0900Z AND 1100Z TO 1400Z
DAILY 10, 14 AND 15 DEC IN AREA BOUND BY
31-52.0N 034-15.0E, 32-02.0N 033-58.0E,
32-07.0N 033-20.0E, 31-55.0N 033-20.0E,
31-38.0N 033-10.0E, 31-21.3N 033-42.5E,
31-22.1N 033-45.5E.

2. CANCEL THIS MSG 151500Z DEC.

(071400Z DEC 2003)

2281/03(56). EASTERN MEDITERRANEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0500Z TO 1500Z DAILY 09 THRU 12
AND 14 THRU 18 DEC IN AREAS BOUND BY:
A. 31-54.4N 034-41.2E, 31-59.2N 034-36.4E,
32-03.4N 034-31.3E, 31-49.3N 034-27.4E,
31-50.1N 034-35.5E, 31-51.0N 034-39.1E.
B. 32-01.3N 034-19.1E, 32-10.2N 034-08.4E,
32-10.2N 033-53.0E, 31-55.0N 033-37.4E,
31-35.2N 033-57.5E, 31-44.1N 034-14.3E,
31-51.4N 034-19.1E.
C. 33-07.1N 032-39.3E, 33-07.1N 032-15.4E,
32-47.0N 032-15.4E, 32-47.0N 032-39.2E.
2. CANCEL THIS MSG 181600Z DEC.

(071625Z DEC 2003)

2286/03(37). DOVER STRAIT.

1. FISHING NET MARKED BY RED BUOY ADRIFT IN
51-05.4N 001-46.3E.
2. CANCEL HYDROLANT 2283/03(35), AID RESTORED.
3. CANCEL THIS MSG 15 DEC.

(081840Z DEC 2003)

2287/03(54). AEGEAN SEA. TURKEY.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 23 DEC
BY M/V HESFIBEL MARINE IN AREA BETWEEN
38-25N 38-27N AND 026-43E 026-44E.
2. CANCEL THIS MSG 24 DEC.

(082236Z DEC 2003)

2289/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 150300Z DEC BY
M/V RAMFORM VIKING TOWING EIGHT 6000 METER
LONG CABLES IN AREA BOUND BY
03-08S 038-46W, 02-39S 038-31W,
02-43S 038-23W, 03-12S 038-38W.
FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2284/03.
3. CANCEL THIS MSG 150400Z DEC.

(090740Z DEC 2003)

2290/03(35). SCOTLAND-WEST COAST.

CHART 35220 (10TH ED).
MONACH ISLES LIGHT 57-32N 007-42W UNRELIABLE.

(092019Z DEC 2003)

2291/03(GEN). SOUTH CAROLINA TO ENGLAND.

1. 11 METER S/V WELSH DRAGON, WHITE HULL, TWO PERSONS ON BOARD,
OVERDUE SOUTH CAROLINA TO FALMOUTH. LAST KNOWN POSITION
45-50N 032-20W AT 031700Z NOV. UNCONFIRMED CONTACT WITH
VESSEL IN 49-48N 015-07W AT 261800Z NOV. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO FALMOUTH COAST GUARD.
2. CANCEL HYDROLANT 2218/03.

(092035Z DEC 2003)

2292/03(24). URUGUAY. NAVTEX.

NAVTEX STATION LA PALOMA OFF AIR.

(100256Z DEC 2003)

SECTION III

2294/03(24). BRAZIL-EAST COAST.
CHART 24180 (15TH ED).
CANAL DOS ABROLHOS LIGHT 17-57.8S 038-41.5W UNRELIABLE.

(100820Z DEC 2003)

2295/03(57). SOUTH ATLANTIC.
1. SURVEY OPERATIONS 12 DEC THRU 10 JAN
BY M/V ATALANTE IN AREA BETWEEN
02-00S 09-00S AND 008-00E COASTLINE.
2. CANCEL THIS MSG 11 JAN 04.

(101120Z DEC 2003)

2296/03(24). BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 160159Z DEC
BY M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES ALONG TRACKLINE BETWEEN
25-24S 045-06W AND 25-56S 046-00W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 160259Z DEC.

(101430Z DEC 2003)

2297/03(24). BRAZIL-NORTH COAST.
CHART 24320 (4TH ED).
RACON AT ILHA DO PARA LIGHT 00-52.8N 049-59.3W INOPERATIVE.

(101815Z DEC 2003)

2299/03(51). NORTH ATLANTIC.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V SONNE VICINITY 35-42N 007-10W.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2282/03.

(102058Z DEC 2003)

2301/03(55). BLACK SEA. MISSILES.
1. HAZARDOUS OPERATIONS 0300Z TO 1500Z DAILY
16 THRU 20 DEC IN AREA BOUND BY
45-06.2N 036-54.3E, 45-02.0N 037-07.1E,
44-24.4N 037-12.8E, 44-16.4N 037-13.1E,
44-15.0N 036-52.4E, 44-16.4N 036-32.0E,
44-24.4N 036-32.6E, 45-02.2N 036-37.8E,
45-06.2N 036-50.6E.
2. CANCEL HYDROLANT 2270/03(24) AND 2293/03(24).
3. CANCEL THIS MSG 201600Z DEC.

(110910Z DEC 2003)

SECTION III

NM 52/03

NAVAREA XII

2003 series

262/03(GEN). CANADA. 96 HOUR NOTIFICATION PRIOR TO ENTERING CANADIAN WATERS.

1. ALL VESSELS THAT ARE:
 - A. OF 500 TONS GROSS TONNAGE OR MORE.
 - B. ENGAGED IN TOWING OR PUSHING A VESSEL, WHERE THE COMBINED TONNAGE OF THE SHIP AND VESSEL BEING TOWED OR PUSHED IS 500 GROSS TONS TONNAGE OR MORE.
 - C. CARRYING A POLLUTANT OR DANGEROUS GOODS, ENGAGED IN TOWING OR PUSHING A VESSEL CARRYING A POLLUTANT OR DANGEROUS GOODS.
2. MUST REQUEST CLEARANCE 96 HOURS PRIOR TO ENTERING CANADIAN WATERS FROM SEAWARD OR AS SOON AS PRACTICAL WHERE THE ESTIMATED TIME OF ARRIVAL OF THE SHIP IN CANADIAN WATERS IS LESS THAN 96 HOURS AFTER THE TIME THE SHIP DEPARTED ITS LAST PORT OF CALL.
3. CANCEL NAVAREA XII 298/01 AND 178/02.

(200955Z SEP 2003)

351/03(19). NORTH PACIFIC. HAWAII. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2400Z DAILY MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1600Z TO 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS BOUND BY:
 - A. 22-00.0N 159-51.0W.
 - B. 22-00.0N 160-00.0W THENCE CCW THREE MILES FROM
 - C. 22-02.7N 160-09.1W. NIIHAU/LEHUA.
 - D. 22-03.0N 160-21.0W.
 - E. 22-05.0N 161-35.0W THENCE CW 100 MILES FROM
 - F. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - G. 22-45.0N 161-25.0W.
 - H. 22-56.0N 161-49.0W THENCE CW 125 MILES FROM
 - I. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - J. 23-57.0N 160-41.0W.
 - K. 25-41.0N 161-36.0W THENCE CW 240 MILES FROM
 - L. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - M. 25-47.0N 158-15.0W.
 - N. 23-54.0N 158-15.0W.
 - O. 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM
 - P. 21-58.1N 159-20.5W. LIHUE VORTAC.
 - Q. 22-13.0N 159-42.0W THENCE CCW THREE MILES AND PARALLEL TO THE SHORELINE OF KAUAI.
 - R. 22-00.0N 159-51.0W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182 KHZ, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY MESSAGES THROUGH U.S. COAST GUARD HONOLULU.
3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 310/03.

(261020Z NOV 2003)

352/03(GEN). NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) BECOMES THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA).

1. THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) OFFICIALLY BECAME THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) EFFECTIVE 24 NOV.
2. WHILE THE ORGANIZATION NAME HAS CHANGED, DISTRIBUTORS AND CUSTOMERS OF NGA PRODUCTS ARE ADVISED THAT THIS CHANGE HAS NOT AFFECTED THE STRUCTURE OF THE ORGANIZATION OR THE PRODUCT LINE AVAILABLE FROM NGA. PRODUCTS SHOULD CONTINUE TO BE ORDERED AS IN THE PAST.
3. THE AGENCY NAME, INITIALS AND LOGO ON PRODUCTS WILL TRANSITION TO THE NEW VERSION AS PRODUCTS ARE REVISED. ALSO, FOR A TIME THE AGENCY COMMUNICATIONS WILL ACCEPT BOTH NIMA AND NGA ADDRESSING. WEB SITE AND E-MAIL ADDRESSES ARE TRANSITIONING, E.G., FROM NIMA.MIL TO NGA.MIL. NAVIGATION WARNINGS ISSUED BY NGA WILL CONTINUE TO BE ISSUED WITH A NIMA ADDRESS FOR APPROXIMATELY THE NEXT TWO MONTHS UNTIL THE ADDRESSING SYSTEM TRANSITIONS TO NGA.
4. NGA LOOKS FORWARD TO PROVIDING CONTINUED QUALITY SUPPORT TO OUR WORLDWIDE CUSTOMERS.

(261755Z NOV 2003)

SECTION III

363/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 061000Z DEC 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 351(19), 352(GEN), 359(83), 361(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
3. CANCEL NAVAREA XII 353/03, 356/03.

(061020Z DEC 2003)

365/03(19). NORTH PACIFIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 111730Z TO 120030Z DEC,
ALTERNATE 1730Z TO 0030Z COMMENCING DAILY
12 AND 13 DEC IN AREA BOUND BY
30-18N 168-42W, 31-54N 155-36W,
24-54N 152-06W, 22-18N 160-00W,
21-54N 165-36W.
2. CANCEL THIS MSG 140130Z DEC.

(061050Z DEC 2003)

366/03(18,19). NORTH PACIFIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1730Z TO 0059Z COMMENCING DAILY
15 THRU 19 DEC IN AREAS:
A. BETWEEN 34-50N 34-53N AND 120-36W 121-00W.
B. BOUND BY 35-07N 135-10W, 35-35N 128-33W,
34-31N 128-24W, 33-48N 129-56W, 33-27N 134-58W.
C. BOUND BY 33-31N 143-37W, 33-49N 141-41W,
33-22N 141-35W, 33-04N 143-31W.
D. BOUND BY 28-09N 166-22W, 28-48N 164-28W,
28-00N 164-07W, 27-21N 166-01W.
2. CANCEL THIS MSG 200159Z DEC.

(101020Z DEC 2003)

367/03(16,96). NORTH PACIFIC. ALASKA.

1. LORAN-C STATION ST PAUL, RATE 9990-MASTER,
OFF AIR 162200Z TO 170200Z DEC.
2. CANCEL THIS MSG 170300Z DEC.

(110950Z DEC 2003)

368/03(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z
DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER
SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE
1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY.
THE SEA RANGE IS BOUND AS FOLLOWS:
A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES
FROM AND PARALLEL
B. 33-52N 119-06W. TO THE SHORELINE.
C. 33-29N 119-07W. N. 34-24N 120-30W.
D. 33-29N 118-37W. O. 34-08N 120-26W.
E. 33-20N 118-37W. P. 34-08N 119-40W.
F. 32-11N 120-16W. Q. 34-00N 119-40W.
G. 31-54N 121-35W. R. 34-06N 119-13W.
H. 35-09N 123-39W. S. 34-06N 119-11W.
I. 35-29N 123-00W. T. 34-07N 119-10W.
J. 35-04N 122-43W. U. 34-07N 119-07W.
K. 35-57N 121-32W. V. 34-04N 119-04W.
L. 34-59N 120-42W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 361/03.

(111020Z DEC 2003)

SECTION III

HYDROBACS

2001 series

1976/01(62). PERSIAN GULF.
CHART 62530 (5TH ED.).
AL ARABIYAH LIGHT 27-47N 050-10E UNLIT.

(041155Z DEC 2001)

2002 series

205/02(GEN). IRAQ EMBARGO.

PART 1 OF 2. REFER TO 206/02 FOR PART 2.

1. SUMMARY: THE NAVAL INTERCEPTION EFFORT IN SUPPORT OF THE UNITED NATIONS SANCTIONS PERTAINING TO IRAQ CONTINUES IN THE ARABIAN GULF AND OTHER AREAS WHERE VESSELS ARE INBOUND TO OR OUTBOUND FROM IRAQ. CARGO BOUND FOR AQABA OR TRANSSHIPMENT FROM AQABA WILL NORMALLY BE INSPECTED ASHORE BY A TEAM CONSISTING OF LLOYD'S REGISTER AND THE AQABA PORT AUTHORITY. VESSELS TRAVERSING THE NORTHERN ARABIAN GULF, THE SHATT AL-ARAB WATERWAY OR KHAWR ABD-ALLAH WATERWAY SHOULD EXPECT TO BE QUERIED AND IF BOUND FOR OR DEPARTING IRAQI PORTS, BOARDED BY MULTINATIONAL NAVAL UNITS ENFORCING UNITED NATIONS SANCTIONS. DOCUMENTATION REQUIREMENTS FOR THE OFFICIALS IN AQABA AND THE NAVAL UNITS IN THE ARABIAN GULF ARE IDENTICAL. IRAQ-BOUND CARGOES OTHER THAN APPROVED FOOD, MEDICAL SUPPLIES OR HUMANITARIAN ITEMS WILL NOT BE ALLOWED TO PASS. VESSELS NOT IN POSSESSION OF APPROPRIATE AUTHORIZATION LETTERS FROM THE UNITED NATIONS MAY BE SUBJECT TO DELAY UNTIL PROPER DOCUMENTATION IS OBTAINED. ALL GOODS SENT INTO IRAQ UNDER THE OIL-FOR-FOOD PROGRAM REQUIRE A UNITED NATIONS AUTHORIZATION LETTER. ALL GOODS SENT LEGALLY INTO IRAQ OUTSIDE THE OIL-FOR-FOOD PROGRAM, WITH THE EXCEPTION OF FOOD AND MEDICINE, REQUIRE A UNITED NATIONS AUTHORIZATION LETTER. FOOD AND MEDICINE ARE NOT SUBJECT TO UNITED NATIONS SANCTIONS AND ARE NOT REQUIRED TO HAVE A UNITED NATIONS AUTHORIZATION LETTER UNLESS THEY ARE BEING SENT IN UNDER THE OIL-FOR-FOOD PROGRAM.
2. UNITED NATIONS SECURITY COUNCIL RESOLUTION 986 AND SUBSEQUENT RESOLUTIONS, THE OIL-FOR-FOOD PROGRAM: THE IMPLEMENTATION OF OIL-FOR-FOOD DOES NOT AFFECT THE MISSION OF THE MULTINATIONAL FORCES OPERATING UNDER THE AUTHORITY OF UNSCR 661 (1990), UNSCR 665 (1990), AND OTHER RELEVANT RESOLUTIONS. THE OPERATING PROCEDURES SET FORTH IN THIS NOTICE ACCOUNT FOR THE REQUIREMENTS OF UNSCR 986 AND SUBSEQUENT RESOLUTIONS. SHIPS TRAVERSING THE ENFORCEMENT AREA IN THE ARABIAN GULF SHOULD EXPECT DELAYS STEMMING FROM MARITIME INTERCEPTION OPERATIONS. STRICT ADHERENCE TO THE PROCEDURES IN THIS NOTICE WILL MINIMIZE ANY DELAYS ASSOCIATED WITH SEABORNE INSPECTIONS.
3. THE FOLLOWING REQUIREMENTS ARE IN EFFECT FOR ALL IRAQ-BOUND SHIPPING TRAVERSING THE MARITIME INTERCEPTION OPERATIONS AREA IN THE ARABIAN GULF:
 - A. NOTIFICATION: A MINIMUM OF 72 HOURS ADVANCE NOTIFICATION IS REQUIRED PRIOR TO ARRIVAL AT THE ENFORCEMENT AREA. CONTACT THE MARITIME INTERCEPTION FORCES (MIF) COORDINATOR, U.S. NAVAL FORCES, CENTRAL COMMAND (BAHRAM) BY FAX: 973 724 344 OR 973 724 334 OR LETTER (SEE PARAGRAPH 8). THE FOLLOWING INFORMATION MUST BE INCLUDED:
 - (1) VESSEL NAME.
 - (2) VESSEL FLAG.
 - (3) INTERNATIONAL RADIO CALL SIGN.
 - (4) ITINERARY, INCLUDING PORT OF CARGO ORIGIN.
 - (5) DESCRIPTION OF CARGO.
 - (6) VOLUME OF CARGO.
 - (7) NUMBER OF HOLDS.
 - (8) DIMENSIONS OF HOLDS.
 - (9) IDENTIFICATION OF THE VESSEL'S SHIPPING AGENT.
 - (10) IDENTIFICATION OF THE VESSEL'S OWNERS.
 - (11) IF REQUIRED (REFER TO PARAGRAPH 1), UNITED NATIONS SECURITY COUNCIL LETTER SHOWING SERIAL NUMBER, ISSUE DATE AND EXPIRATION DATE.
 - (12) ESTIMATED ARRIVAL DATE AND TIME AT THE CHECKPOINT (SEE PARAGRAPH 3.C).
 - B. CARGO CONFIGURATION: ALL CARGO MUST BE ACCESSIBLE FOR INSPECTION AT SEA. CARGO CARRIERS ARE RESPONSIBLE FOR LOADING CARGOES TO ENSURE ACCESSIBILITY. THE FOLLOWING SPECIFIC GUIDANCE APPLIES:
 - (1) CONTAINERIZED CARGO: CARGO CONTAINERS MUST NOT BE STACKED MORE THAN THREE HIGH FROM THE DECK. AS A SAFETY PRECAUTION TO PROTECT INSPECTION TEAMS, CONTAINERS STACKED MORE THAN THREE HIGH WILL BE CONSIDERED INACCESSIBLE. THIS PROVISION APPLIES TO BOTH INTERNAL AND DECK-LOADED CONTAINERS.
 - (2) BREAK BULK: PACKAGED OR BAGGED CARGO MUST BE LOADED IN A MANNER WHICH PERMITS THOROUGH INSPECTION. PALLETIZED ROWS OF CARGO REQUIRE ADEQUATE SEPARATION TO ALLOW FOR SAFE ACCESS.
 - (3) LOOSE BULK: LOOSE BULK CARGO MUST BE ACCESSIBLE FOR

SECTION III

- PHYSICAL AND VISUAL INSPECTION, VERIFICATION OF MEASUREMENT SOUNDS AND SAMPLING. HATCH COVERS MUST BE OPENED TO ALLOW FOR THOROUGH INSPECTION.
- (4) IF A VESSEL'S CARGO IS DEEMED INACCESSIBLE FOR INSPECTION, THE VESSEL MAY BE DIRECTED TO RETURN TO A PORT WHERE ACCEPTABLE CARGO LOADING CAN BE ARRANGED.
- C. CHECKPOINT: VESSELS BOUND FOR OR DEPARTING FROM IRAQI PORTS OR THE MINA AL-BAKR OIL TERMINAL MUST PASS WITHIN A FIVE NAUTICAL MILE RADIUS OF LATITUDE TWENTYNINE DEGREES TWELVE MINUTES NORTH AND LONGITUDE FORTYNINE DEGREES TWENTY MINUTES EAST (29-12N 049-20E). APPROACHING VESSELS SHOULD CONTACT THE MIF COMMANDER ON BRIDGE-TO-BRIDGE RADIO, CHANNEL 16, WHEN WITHIN FIVE NAUTICAL MILES OF THIS POINT. VESSELS WILL NOT BE PERMITTED TO PROCEED FROM THIS POINT UNTIL CLEARED BY THE MIF COMMANDER. VESSELS CONTAINING CARGOES FOR DESTINATIONS OTHER THAN IRAQ WILL NOT BE ALLOWED PASSAGE INTO IRAQ.
- D. VESSEL TONNAGE LIMIT: VESSELS UNDER 30,000 DWT WILL NOT BE AUTHORIZED TO PROCEED TO MINA AL-BAKR FOR THE PURPOSE OF LOADING PETROLEUM CARGOES.

(011315Z FEB 2002)

206/02(GEN). IRAQ EMBARGO.

PART 2 OF 2. REFER TO 205/02 FOR PART 1.

- E. DOCUMENTATION: VESSEL DOCUMENTATION MUST CONFORM TO THE FOLLOWING REQUIREMENTS:
- (1) AN ORIGINAL MANIFEST LIST, DESCRIBING THE CARGO AS WELL AS ITS LOCATION IN THE SHIP, MUST BE ON BOARD. THE ORIGINAL MANIFEST MUST INCLUDE THE PORT OF ORIGIN, PORTS OF CALL, COMPLETE BUSINESS NAMES AND ADDRESSES OF ALL SHIPPERS AND CONSIGNEES AND A FINAL DESTINATION OF ALL CARGO. A COMPLETE BUSINESS ADDRESS MUST INCLUDE EITHER THE STREET ADDRESS, A PROMINENT IDENTIFIABLE GEOGRAPHIC LOCATION OR A POST OFFICE BOX PLUS A TELEPHONE NUMBER OR FAX NUMBER.
 - (2) CARGO ADDRESSED TO A FREE-TRADE ZONE MUST HAVE THE NAME, ADDRESS, TELEPHONE OR FAX NUMBER OF THE CONSIGNEE TAKING CUSTODY OF THE CONTAINER OR CARGO.
 - (3) CONSIGNEE NAMES AND ADDRESSES ON ALL CARGO MUST MATCH THE MANIFEST.
 - (4) THE MANIFEST MUST BE SIGNED IN THE ORIGINAL BY THE VESSEL'S MASTER OR CHIEF MATE. THE MANIFEST MAY BE ON SHIPPER'S LETTERHEAD, FAX, PHOTOCOPY OR COMPUTER PRINTOUT, BUT IT MUST BEAR AN ORIGINAL SIGNATURE, CONTAIN ALL THE INFORMATION LISTED ABOVE AND OTHERWISE COMPLY WITH NORMAL MARITIME TRANSPORT PRACTICE.
 - (5) THE ORIGINAL MANIFEST MAY CONSIST OF MORE THAN ONE DOCUMENT IF THERE ARE AMENDMENTS THAT LIST CARGO DROPPED OFF AT A GIVEN PORT OR CORRECT THE ORIGINAL MANIFEST. THESE AMENDMENTS MAY ORIGINATE FROM THE SHIPPER OR CARRIER. SINCE ADDITIONAL DOCUMENTS MAY BE TRANSMITTED TO A VESSEL BY SUCH MEANS AS TELEGRAM OR FAX, THEY NEED NOT BEAR AN ORIGINAL SIGNATURE. HOWEVER, THE MASTER IS REQUIRED TO CERTIFY IN WRITING THAT THE AMENDED MANIFEST ACCURATELY REFLECTS WHAT IS ON BOARD THE VESSEL. THE UNDERLYING REQUIREMENTS ARE FOR ACCURATE DOCUMENTATION OF CARGO AND DESTINATION AND FOR A HIGH DEGREE OF CONFIDENCE THAT THE DOCUMENTS ARE AUTHENTIC.
 - (6) IF APPLICABLE, THE CARGO DOCUMENTATION MUST INCLUDE A COPY OF THE AUTHORIZATION ISSUED BY THE U.N. PURSUANT TO UNSCR 661 OR UNSCR 986 AND SUBSEQUENT RESOLUTIONS. REFER TO PARAGRAPH 1 ABOVE FOR SPECIFIC AUTHORIZATION REQUIREMENTS.
4. VESSEL PRE-CLEARANCE:
- A. OIL TANKERS INBOUND TO THE MINA AL-BAKR TERMINAL PURSUANT TO U.N. AUTHORIZATION UNDER UNSCR 986 AND SUBSEQUENT RESOLUTIONS WILL NORMALLY BE AUTHORIZED TO PROCEED UNINTERRUPTED THROUGH THE CHECKPOINT DESCRIBED IN PARAGRAPH 3.C. ADVANCE NOTIFICATION AND CHECK-IN ON CHANNEL 16 ARE STILL REQUIRED.
 - B. VESSELS TRANSPORTING BULK HUMANITARIAN CARGOES ARE INVITED TO CONTACT THE MIF COORDINATOR PRIOR TO SAILING TO EXPLORE PRE-CLEARANCE OPTIONS WHICH USE VOYAGE MONITORING METHODS AND CARGO LOADING CERTIFICATION FROM APPROVED AGENTS. THE MIF COORDINATOR MAY CONSIDER ALTERNATE PRE-CLEARANCE PROCEDURES ON A CASE-BY-CASE BASIS.
 - C. NOTWITHSTANDING THE PRE-CLEARANCE OPTIONS DISCUSSED ABOVE, THE MULTINATIONAL NAVAL FORCES RETAIN THE RIGHT UNDER UNSCR 665 AND OTHER RELEVANT RESOLUTIONS TO CONDUCT DOCUMENT CHECKS AND AT-SEA INSPECTIONS OF ANY VESSEL WHEN DEEMED NECESSARY.
5. INCOMPLETE DOCUMENTATION: IRAQ-BOUND VESSELS WHICH ARE DETERMINED TO HAVE INCOMPLETE CARGO MANIFESTS OR TO BE OTHERWISE IN VIOLATION OF REQUIREMENTS LISTED IN THIS ADVISORY, MAY BE DETAINED BY THE NAVAL FORCES OR DIVERTED

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- TO A NON-IRAQ PORT UNTIL APPROPRIATE CONDITIONS ARE MET.
6. PETROLEUM EXPORTS AND BUNKER FUEL NOT APPROVED BY THE U.N.: OUTBOUND VESSELS ARE SUBJECT TO SEARCH BY THE MIF. IF AN INTERCEPTED VESSEL IS SUSPECTED TO BE CARRYING A CARGO OF IRAQI PETROLEUM, PETROLEUM PRODUCTS OR HAS TAKEN ON IRAQI BUNKER FUEL WITHOUT U.N. AUTHORIZATION, THE MIF WILL TAKE CARGO AND BUNKER FUEL SAMPLES FOR LABORATORY ANALYSIS, EXAMINATION, AND COMPARISON WITH IRAQI CONTROL SAMPLES. VESSELS SUSPECTED OF VIOLATING U.N. SANCTIONS MAY BE DETAINED, AND IF IT IS DETERMINED THAT A PETROLEUM CARGO IS OF IRAQI ORIGIN, THE CARGO WILL BE SEIZED AND DISPOSED OF IN ACCORDANCE WITH UNSCR 778. IN SUCH CASES THE VESSEL ITSELF AND CREW MAY BE SUBJECT TO ENFORCEMENT ACTIONS BY AN ACCEPTING U.N. MEMBER STATE.
7. CRUISE AND PASSENGER SHIPS: CRUISE OR PASSENGER SHIPS TRAVERSING THE MIF ENFORCEMENT AREA WILL BE SUBJECT TO THE FOLLOWING REQUIREMENTS:
- A. VESSELS WITH NO COMMERCIAL CARGO CARRYING CAPACITY MAY ARRANGE FOR AN EXPEDITIOUS TRANSIT THROUGH THE ENFORCEMENT AREA BY FORWARDING CERTIFICATION FROM A MEMBER OF THE INTERNATIONAL ASSOCIATION OF CLASSIFICATION SOCIETIES (IACS) THAT THE SHIP HAS NO SUCH CAPACITY. THE CERTIFICATION MUST BE SENT BY LETTER OR FAX AT LEAST SIXTY DAYS PRIOR TO TRANSIT.
- B. A PASSENGER VESSEL ARRIVING IN THE ENFORCEMENT AREA WHICH HAS NOT COMPLIED WITH THE REQUIREMENTS OF PARAGRAPH 7.A WILL BE BOARDED AND INSPECTED DURING DAYLIGHT HOURS. IF IT IS DETERMINED THAT THE VESSEL HAS NO COMMERCIAL CARGO CARRYING CAPACITY, ITS IDENTIFICATION WILL BE RECORDED SO THAT IT MAY BE VISUALLY IDENTIFIED AND NOT BOARDED DURING SUBSEQUENT TRANSITS.
8. FOR MERCHANT ADVISORY UPDATES, VESSELS SHOULD CONTACT THE COMMANDER, U.S. NAVAL FORCES CENTRAL COMMAND, MARITIME INTERCEPTION COORDINATOR (N31CG), FPO AE 09501 6008, PHONE: 973 724 839 OR 973 724 841. FAX: 973 724 344 OR 973 724 334,
9. CANCEL HYDROPAC 170/01 AND 171/01.

(011320Z FEB 2002)

352/02(73). NEW GUINEA-SOUTHEAST COAST.
CHART 73601 (3RD ED).
SHORTLAND REEF LIGHT 10-30.7S 151-07.8E UNLIT.

(241505Z FEB 2002)

403/02(72,73). INDIAN OCEAN. SUMBA-NORTH COAST.
CHART 73041 (2ND ED).
TANJUNG SASAR LIGHT 09-17.0S 119-55.9E UNLIT.

(051538Z MAR 2002)

2191/02(22). SOUTH PACIFIC. CHILE. RADIO SERVICES.
DSC STATION ANTOFAGASTA 23-41S 070-24W INOPERATIVE.

(231845Z NOV 2002)

2199/02(63). INDIA-SOUTH COAST.
CHART 63220 (5TH ED).

1. DANGEROUS SUBMERGED ROCKS, LEAST DEPTH 11 METERS, IN:
A. 08-02.66N 077-24.84E.
B. 08-02.83N 077-24.84E.

2. CANCEL HYDROPAC 2170/02.

(251210Z NOV 2002)

2330/02(62). RED SEA.
CHART 62242 (11TH ED).
RACON AT SHIB QAHAM LIGHT 21-27.3N 039-06.6E INOPERATIVE.

(100940Z DEC 2002)

2339/02(63). INDIA-WEST COAST.
CHART 63070 (3RD ED).

1. DANGEROUS WRECK MARKED BY BUOY IN 21-37.6N 069-35.7E.
2. CANCEL HYDROPAC 2213/02.

(111320Z DEC 2002)

2003 series

167/03(95). RUSSIA. SEA OF JAPAN.
CHART 95243 (4TH ED).
DANGEROUS WRECK IN 42-20.7N 130-48.0E.

(291220Z JAN 2003)

197/03(71). STRAIT OF MALACCA.
CHART 71275 (3RD ED).
RACON AT GOSONG CLARK LIGHT 01-42.8N 102-24.2E OFF AIR.

(031550Z FEB 2003)

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207/03(62). PERSIAN GULF, IRAN.

PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V DB ABUZAR 1200 ALONG TRACKLINE JOINING
27-31.2N 052-34.1E, 27-30.3N 052-33.0E,
27-30.2N 052-32.9E, 27-30.1N 052-32.8E,
27-29.9N 052-32.6E, 27-29.8N 052-32.3E,
27-29.8N 052-32.3E, 27-29.7N 052-32.0E,
27-29.6N 052-31.7E, 27-29.6N 052-31.6E,
27-28.6N 052-30.1E, 27-26.4N 052-26.6E,
26-48.4N 052-06.1E, 26-43.6N 052-01.6E.

(041810Z FEB 2003)

445/03(96). RUSSIA. SAKHALIN-EAST COAST.

CHART 96320 (4TH ED).

1. LIGHT, FL 2 SEC GRG SIX MILES WITH SECTORS
GREEN 015-067, RED 067-127, GREEN 127-205,
ESTABLISHED IN 52-28-52.2N 143-17-16.9E.
2. CANCEL HYDROPAC 72/03.

(131040Z MAR 2003)

495/03(62). RED SEA. EGYPT.

CHART 62230 (2ND ED).

1. RACON AT AL IKHWAN LIGHT 26-19.0N 34-51.0E
TEMPORARILY REMOVED.
2. CANCEL HYDROPAC 486/03(81).

(201400Z MAR 2003)

496/03(62). RED SEA. EGYPT.

CHART 62230 (2ND ED).

- RACON AT DAEDALUS REEF LIGHT 24-55.4N 35-51.5E
TEMPORARILY REMOVED.

(201430Z MAR 2003)

506/03(62). PERSIAN GULF.

1. COALITION FORCES ARE COMMITTED TO CAPTURING IRAQI LEADERSHIP ATTEMPTING TO FLEE VIA SEA TO ESCAPE JUSTICE, AND ARE USING ALL AVAILABLE MILITARY ASSETS TO CAPTURE THEM. THIS INCLUDES USING THE FULL CAPABILITIES OF U.S. AND COALITION MILITARY AIRCRAFT, WARSHIPS, SUBMARINES, AND SATELLITES. AS PART OF THIS SEARCH OPERATION, U.S. FIFTH FLEET AND COALITION FORCES ARE CURRENTLY QUERIES COMMERCIAL VESSELS IN THE REGION, PARTICULARLY THOSE OPERATING IN VICINITY OF UMM QASR AND KHOR ABD ALLAH WATERWAYS.
2. ANYONE SUSPECTED OF ASSISTING OR TRANSPORTING IRAQI LEADERSHIP SHOULD EXPECT TO BE BOARDED, AND WILL RISK THE SINKING OR SEIZURE OF VESSEL, AND WILL BE DETAINED AND JAILED.
3. ANY PERCEIVED HOSTILITY TOWARDS A U.S. OR COALITION NAVAL UNIT DURING THESE ONGOING OPERATIONS MAY RESULT IN THE DESTRUCTION OF THE COMMERCIAL VESSEL.

(211450Z MAR 2003)

515/03(73). PAPUA NEW GUINEA.

CHART 73631 (4TH ED).

KITAVA ISLAND LIGHT 08-38.6S 151-20.3E UNLIT.

(220330Z MAR 2003)

525/03(73,74). PAPUA NEW GUINEA.

CHART 74006 (2ND ED).

PANA WAIPONA ISLAND LIGHT 11-15.2S 152-08.1E UNLIT.

(232331Z MAR 2003)

638/03(62). GULF OF SUEZ.

CHART 62191 (15TH ED).

ASHRAFI JUZUR LIGHT 27-47.4N 033-42.4E UNLIT.

(101345Z APR 2003)

760/03(63). INDIA-EAST COAST.

CHART 63310 (5TH ED).

RADIOBEACON AT GOPALPUR LIGHT 19-15.3N 084-54.5E DISCONTINUED.

(020910Z MAY 2003)

761/03(63). INDIA. LAKSHADWEEP.

CHART 63150 (1ST ED).

RADIOBEACON AT CHETLAT ISLAND LIGHT 11-41.8N 072-43.1E DISCONTINUED.

(020920Z MAY 2003)

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801/03(72). JAVA SEA.
CHART 72000 (8TH ED).
SUBMERGED OBSTRUCTION REPORTED IN 05-11.7S 114-50.2E.

(081915Z MAY 2003)

895/03(62). GULF OF SUEZ.
CHART 62191 (15TH ED).
ISOLATED DANGER BUOY 28-11.3N 033-21.4E UNLIT.

(260850Z MAY 2003)

960/03(63). ARABIAN SEA.
CHART 63000 (13TH ED).
ODAS BUOY ESTABLISHED IN 20-11.6N 067-52.7E.

(041212Z JUN 2003)

992/03(62). PERSIAN GULF.

1. THE PORT OF UMM QASR IS STILL NOT FULLY OPERATIONAL, ALTHOUGH SIGNIFICANT PROGRESS HAS BEEN MADE. THE PORT IS OPEN TO HUMANITARIAN AID SHIPPING ONLY. SPECIFIC QUERIES SHOULD BE DIRECTED TO THE SSA INFORMATION CENTER FOR IRAQ. PLEASE SEE HYDROGRAPHIC 959/03 FOR SSA CONTACT INFORMATION. PORT STATUS IS AS FOLLOWS:
 - A. PORT MANAGEMENT WAS HANDED OVER FROM COALITION FORCES LAND COMPONENT COMMANDER'S (CFLCC) 17TH PORT AND MARITIME REGIMENT TO A COMMERCIAL MANAGEMENT TEAM FROM STEVEDORING SERVICES OF AMERICA (SSA) ON 23 MAY. THE SSA TEAM IS CURRENTLY ESTABLISHING WORKSPACES, COMMUNICATIONS AND A LOCAL LABOR FORCE IN UMM QASR AND MUCH WORK REMAINS TO BE DONE.
 - B. THE PORT STILL HAS NO ELECTRICAL POWER. COALITION AND IRAQI AUTHORITIES ARE ATTEMPTING TO RESTORE POWER AND THERE ARE PLANS TO TRANSPORT GENERATORS TO THE PORT IF NECESSARY. THERE ARE NO PORT SERVICES AVAILABLE AT THIS TIME TO INCLUDE POTABLE WATER, TELEPHONE SERVICES, WASTE DISPOSAL SERVICES AND CARGO HANDLING EQUIPMENT.
 - C. ALL SHIPS ENTERING UMM QASR MUST BE SELF-SUSTAINING.
 - D. DREDGING IS UNDERWAY AND PROGRESSING WELL. WHEN COMPLETED, THE PORT AND ENTRANCE CHANNEL WILL HAVE A UNIFORM DEPTH OF NINE METERS. PLANNED FOLLOW-ON DREDGING WILL INCREASE THE DEPTH TO 13 METERS.
 - E. WAREHOUSE SPACE IS AVAILABLE FOR HUMANITARIAN AID BREAK BULK AND PALLETIZED CARGO FOR A LIMITED PERIOD UPON REQUEST FROM THE SPONSORING ORGANIZATION, BUT NO MATERIAL HANDLING EQUIPMENT (MHE) IS AVAILABLE. THERE ARE NO CLIMATE CONTROLLED OR REFRIGERATED FACILITIES. THE REQUEST FOR WAREHOUSE SPACE SHOULD BE MADE IN THE DISTRIBUTION PLAN (SEE PARA 2 IN THE PORT ENTRY PROCEDURES).
 - F. LOOTING WITHIN THE PORT AREA REMAINS A PROBLEM. PORT MANAGERS ARE WORKING WITH COALITION MILITARY FORCES AND LOCAL IRAQI AUTHORITIES TO RESTORE STABILITY.
 - G. FOR NOW, ONLY PRE-APPROVED HUMANITARIAN AID CARGO IS BEING ALLOWED INTO UMM QASR. CURRENT PROCEDURES REMAIN IN EFFECT: ALL HUMANITARIAN AID CARGO DELIVERIES MUST BE COORDINATED THROUGH THE HUMANITARIAN OPERATIONS CENTER (HOC) IN KUWAIT. THE HOC PHONE NUMBERS ARE LISTED BELOW.
 - H. SSA'S OBJECTIVE IS TO OPEN UMM QASR PORT FOR COMMERCIAL CARGO OPERATIONS AS SOON AS POSSIBLE. HOWEVER, THIS WILL REQUIRE BOTH SUFFICIENT PORT IMPROVEMENTS AND APPROVAL BY THE COALITION PROVISIONAL AUTHORITY (CPA, FORMERLY ORHA). ONCE THIS OCCURS, SSA WILL ISSUE THE APPROPRIATE GUIDANCE AND PROCEDURES, WHICH MARLO WILL PUBLISH IN FUTURE ADVISORIES.
2. PORT ENTRY PROCEDURES FOR HUMANITARIAN AID:
 - A. SHIPMENTS FOR HUMANITARIAN AID AGENCIES MUST BE COORDINATED THROUGH THE HUMANITARIAN OPERATIONS CENTER (HOC) AT PHONE: 965 482 9360 (BUSINESS HOURS 0400Z TO 1500Z), FAX: 965 482 9366 OR E-MAIL NAVYHOCLNO@YAHOO.COM. THE FOLLOWING INFORMATION MUST BE FAXED OR E-MAILED TO THE HOC AT LEAST 7 DAYS PRIOR TO ARRIVAL:
 - a. VESSEL NAME.
 - b. IMO NUMBER.
 - c. VESSEL CONTACT: INMARSAT NUMBER/E-MAIL IF AVAILABLE.
 - d. ETA UMM QASR.
 - e. LIST OF CREW MEMBERS NAMES AND CITIZENSHIPS.
 - f. COPY OF CARGO MANIFEST.
 - g. VERIFICATION THAT THE VESSEL CAN OFFLOAD THE CARGO WITHOUT SERVICES FROM THE PORT.
 - h. SPONSORING ORGANIZATION.
 - i. SPONSORING ORGANIZATION POINT OF CONTACT NAME AND PHONE NUMBER.

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3. THE SPONSORING ORGANIZATION MUST HAVE A DISTRIBUTION PLAN FOR THE CARGO ON FILE WITH HOC OR THE SHIP WILL NOT BE GRANTED PERMISSION TO ENTER UMM QASR. DISTRIBUTION PLANS CAN BE FORWARDED TO THE HOC SHIPPING OFFICE IN PERSON, VIA PHONE: 965 482 9360 (BUSINESS HOURS 0400Z TO 1500Z) OR BY E-MAIL AT NAVYHOCLNO@YAHOO.COM.
4. SHIPS WITH CARGO FOR "COMMERCIAL" CONSIGNEES (OTHER THAN GOVERNMENTAL OR NON-GOVERNMENTAL HUMANITARIAN AID AGENCIES) MUST OBTAIN ENTRY APPROVAL FROM THE SSA INFORMATION CENTER FOR UMM QASR PORT (PHONE: 965 481 8673 OR 965 484 2988 EXT 3642 OR FAX: 965 484 5712 OR UMMQASR@SSAMARINE.COM. COMMERCIAL SHIPS MUST BE CAPABLE OF DISCHARGING CARGO WITHOUT ASSISTANCE FROM THE PORT OPERATORS. SHIPPERS OR CONSIGNEES MUST HAVE ARRANGEMENTS IN PLACE FOR THE EXPEDITIOUS TRANSPORT OF THE CARGO OUT OF THE PORT AREA. ENTRY WILL BE DENIED IF THE SHIPPER CANNOT SHOW ADEQUATE ARRANGEMENTS TO THE SATISFACTION OF THE PORT AUTHORITY. DEPARTURE CLEARANCE MAY BE withheld UNTIL THE DISCHARGED CARGO IS REMOVED FROM THE PORT OR THE SHIP MAY BE REQUIRED TO BACKLOAD ANY CARGO NOT TRANSPORTED OUT OF THE PORT.
5. MILITARY VESSELS DESTINED FOR UMM QASR SHOULD COORDINATE THEIR TRANSIT WITH COMUSNAVCENT. COMUSNAVCENT WILL FORWARD SUMMARY DETAILS TO THE HOC SHIPPING OFFICE.
6. PILOTAGE IS COMPULSORY EXCEPT FOR DESIGNATED VESSELS. IN THE MEANTIME, VESSELS ARE TO LIAISE WITH UMM QASR HARBOR CONTROL WITH REGARDS TO SAFE NAVIGATION OF THE KWAHR ABD ALLAH.
7. VESSELS SHOULD SEND AN ESTIMATED TIME OF ARRIVAL TO THE SSA INFORMATION CENTER FOR UMM QASR PORT (PHONE: 965 481 8673 OR 965 84 2988 EXT 3642 OR FAX: 965 484 5712 OR UMMQASR@SSAMARINE.COM 48 HOURS, 24 HOURS AND 12 HOURS IN ADVANCE OF ARRIVAL, ALONG WITH BERTHING REQUIREMENTS. INBOUND AND OUTBOUND VESSELS SHOULD REPORT WHEN PASSING BUOY NUMBERS 6 AND 34. ADDITIONALLY, INBOUND AND OUTBOUND VESSELS TRANSITING THROUGH UMM QASR TO AZ ZUBAYR SHOULD REPORT WHEN PASSING AZ ZUBAYR BUOY NUMBER.
8. COMMUNICATIONS: PORT CONTROL: CHANNEL 16, 08, 12 TUGS AND PILOT: CHANNEL 12 HOURS: 24.
9. THE PILOT CURRENTLY BOARDS IN VICINITY OF ANCHORAGE NEAR BUOYS 22/23 (29-59.1N 048-12.7E) UNTIL A FULL SERVICE CAN BE PROVIDED.
10. VESSELS SHOULD ARRIVE AT THE CURRENT PILOT BOARDING POSITION AT LEAST 4.5 HOURS BEFORE HIGH WATER TO ARRIVE AT UMM QASR AT THE HIGH WATER MARK.
11. CANCEL HYDROGRAPHIC CHARTS 734/03 AND 735/03.

(091240Z JUN 2003)

993/03(62). PERSIAN GULF.

1. COALITION FORCES ARE COMMITTED TO THE GLOBAL WAR ON TERRORISM (GWOT) AND THE CONTINUED SAFE PASSAGE OF VESSELS CONDUCTING LEGITIMATE GLOBAL COMMERCE. THIS BULLETIN IS INTENDED TO ADVISE SHIPPERS IN THE HORN OF AFRICA OF AN INCREASED COALITION NAVAL PRESENCE IN RESPONSE TO ON GOING COUNTERTERRORISM OPERATIONS ON THE LAND, AIR AND SEA. COMMERCIAL SHIPPERS SHOULD BE AWARE OF THE INCREASED MILITARY PRESENCE AND BE PREPARED TO RESPOND TO AIR AND SEA QUERIES BY COALITION ASSETS ENFORCING UNITED NATIONS RESOLUTIONS.
2. COALITION FORCES ARE ALERT TO POTENTIAL AIR AND MARITIME THREATS AND ARE CURRENTLY ON PATROL IN THE RED SEA, GULF OF ADEN, GULF OF OMAN AND PERSIAN GULF. ANYONE SUSPECTED OF ASSISTING OR TRANSPORTING TERRORISTS SHOULD EXPECT TO BE BOARDED, WILL RISK THE SINKING OR SEIZURE OF VESSEL AND WILL BE DETAINED AND JAILED.
3. U.S. FLAGGED MERCHANT VESSELS AND VESSELS EFFECTIVELY WORKING UNDER U.S. CONTROL ARE REMINDED TO CONSULT NIMA PUBLICATION 117, "RADIO NAVIGATION AIDS," FOR EMERGENCY REPORTING PROCEDURES. NON-U.S. FLAGGED MERCHANT VESSELS ARE URGED TO REVIEW STANDING FLAG STATE AND REGIONAL EMERGENCY NOTIFICATION PROCEDURES.

(091250Z JUN 2003)

998/03(71). INDONESIA-NORTHWEST COAST.

CHART 71006 (5TH ED).
 NAVIGATION PROHIBITED UNTIL FURTHER NOTICE
 BY FOREIGN VESSELS ALONG TRACKLINE JOINING
 01-55-00N 096-29-00E, 02-51-00N 095-13-55E,
 02-57-00N 095-11-00E, 04-48-00N 095-10-00E,
 05-43-10N 094-46-30E, 05-51-00N 094-46-40E,

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06-13-30N 094-59-30E, 06-16-00N 095-10-05E,
05-40-25N 096-00-30E, 05-29-00N 096-49-25E,
05-29-10N 097-33-30E, 05-01-00N 098-03-25E,
04-33-50N 098-25-55E AND COASTLINE.

(100940Z JUN 2003)

1041/03(71). SOUTH CHINA SEA.
CHART 71027 (9TH ED).
ROYAL CHARLOTTE REEF LIGHT 06-57N 113-35E UNLIT.

(180720Z JUN 2003)

1198/03(92). SULU SEA.
CHART 92500 (1ST ED).
UNCOVERED ROCK REPORTED VICINITY 10-24.8N 119-56.6E.

(110950Z JUL 2003)

1213/03(73). PAPUA NEW GUINEA-SOUTHEAST COAST.
CHART 73601 (3RD ED).
STRATHORD ISLANDS LIGHT 10-13.3S 151-52.0E UNLIT.

(121429Z JUL 2003)

1220/03(62). GULF OF SUEZ. EGYPT.
CHART 62195 (7TH ED).
1. RACON AT RAS GHARIB LIGHT 28-21N 033-07E TEMPORARILY REMOVED.
2. CANCEL HYDROPAC 1117/03 AND 1118/03.

(140705Z JUL 2003)

1222/03(62). GULF OF SUEZ. EGYPT.
CHART 62195 (7TH ED).
RACON AT AIN SUKHNA LIGHT 29-36N 032-21E TEMPORARILY REMOVED.

(140715Z JUL 2003)

1248/03(63). INDIA-WEST COAST.
CHART 63102 (19TH ED).
NAVIGATION PROHIBITED UNTIL FURTHER NOTICE
IN AREA BETWEEN 18-50.5N 18-53.5N
AND 072-39.0E 072-43.5E.

(181427Z JUL 2003)

1266/03(73). PAPUA NEW GUINEA-SOUTHEAST COAST.
CHART 73601 (3RD ED).
LUNN ISLAND LIGHT 10-47.3S 152-00.4E UNLIT.

(230009Z JUL 2003)

1267/03(73). PAPUA NEW GUINEA-SOUTHEAST COAST.
CHART 73631 (4TH ED).
1. BOMATU POINT LIGHT 08-23.8S 151-07.2E UNLIT.
2. CANCEL HYDROPAC 514/03.

(230510Z JUL 2003)

1330/03(62). GULF OF SUEZ.
1. AIDS TO NAVIGATION IN THE GULF OF SUEZ ARE REPORTED
UNRELIABLE. AIDS MAY BE MISSING, UNLIT OR OFF STATION.
VESSELS SHOULD NAVIGATE WITH PARTICULAR CAUTION.
MARINERS ARE REQUESTED TO SEND REPORTS TO NIMA
MARITIME SAFETY INFORMATION CENTER, FAX: 310 227 3175,
DSN FAX: 287 3175 OR E-MAIL: NAVNOTICES@NIMA.MIL.
2. CANCEL HYDROPAC 828/02.

(020740Z AUG 2003)

1371/03(71,93). SOUTH CHINA SEA.
1. PIPELAYING OPERATIONS IN PROGRESS UNTIL 21 DEC
VICINITY OF TRACKLINE BETWEEN
05-08.5N 104-47.3E AND 05-14.5N 104-40.3E.
2. CANCEL THIS MSG 22 DEC.

(090910Z AUG 2003)

1395/03(62). PERSIAN GULF.
1. THE COALITION LEADERSHIP HAS NOTED THE WIDESPREAD
SMUGGLING OF IRAQI OIL VIA THE NORTHERN PERSIAN GULF,
AND HAS DIRECTED ACTION TO END IT. COALITION NAVAL
FORCES HAVE INTENSIFIED INTERCEPTION OPERATIONS
AGAINST SHIPS SMUGGLING THE ILLEGAL OIL, IN
CONJUNCTION WITH ENFORCEMENT ACTIONS BY IRAQI
OFFICIALS AND COALITION FORCES IN IRAQ. PROCEDURES
ARE BEING ESTABLISHED FOR DETENTION AND POSSIBLE
CONFISCATION OF THE SHIPS AND FOR LEGAL ACTION
AGAINST THE PARTICIPANTS.
2. ONLY OIL LEGALLY PURCHASED FROM THE IRAQI GOVERNMENT'S
STATE OIL MARKETING ORGANIZATION (SOMO) IS AUTHORIZED

SECTION III

- FOR EXPORT. CURRENTLY AND FOR THE NEAR FUTURE, THIS INCLUDES ONLY THE FOLLOWING TWO CATEGORIES:
- A. CRUDE OIL ONLOADED AT THE OFFSHORE MINA AL-BAKR OIL TERMINAL, PURCHASED UNDER VALID SOMO CONTRACT.
 - B. REFINED OIL ONLOADED AT KHOR AZ ZUBAYR TERMINAL IN KHOR AZ ZUBAYR PORT, PURCHASED UNDER VALID SOMO CONTRACT.
3. ANY OIL THAT DOES NOT FALL WITHIN THE ABOVE TWO CATEGORIES IS STOLEN GOVERNMENT PROPERTY AND THEREFORE NOT AUTHORIZED FOR SALE OR TRANSPORT. THIS INCLUDES THE FOLLOWING CATEGORIES:
 - A. ALL IRAQI OIL, INCLUDING BOTH FUEL OIL AND GASOIL (DIESEL), SOLD AS FUEL FOR SHIP BUNKERS. SOMO HAS NOT AUTHORIZED THE SALE OF ANY SHIP BUNKERS, ANYWHERE IN IRAQ.
 - B. ANY IRAQI OIL CURRENTLY BEING SOLD IN ABU FLUS PORT OR AT ANY OTHER LOCATION ALONG THE SHATT AL-ARAB WATERWAY.
4. THE COALITION LEADERSHIP IS COMMITTED TO RESTORING ECONOMIC STABILITY IN IRAQ, WHICH INCLUDES CONTROLLING THE THEFT AND SMUGGLING OF OIL THAT RIGHTFULLY BELONGS TO THE IRAQI PEOPLE. ANY SHIP TRANSPORTING ILLEGAL IRAQI OIL IS SUBJECT TO SEIZURE AND DETENTION BY COALITION NAVAL FORCES. FURTHER, THE VESSEL MAY BE SUBJECT TO FORFEITURE IN ACCORDANCE WITH IRAQI LAW.
 5. SHIP OWNERS AND OPERATORS PARTICIPATING IN THE ILLEGAL ACTIVITY ARE ADVISED OF COORDINATED COALITION EFFORTS AND WARNED OF THE SEVERE CONSEQUENCES.

(131150Z AUG 2003)

1398/03(74). AUSTRALIA-NORTHWEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V WESTERN MONARCH TOWING TEN THREE MILE LONG CABLES IN AREA BETWEEN 19-00S 20-15S AND 115-00E 117-00E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 1389/03.

(131600Z AUG 2003)

1485/03(22). PERU.

- CHART 22012 (31ST ED).
LA CONCORDIA LIGHT 18-20.8S 070-22.5W UNLIT.

(280920Z AUG 2003)

1514/03(62). RED SEA.

- CHART 62230 (2ND ED).
RACON AT QAD IBN HADDAN LIGHT 27-48.2N 034-06.0E OFF AIR.

(021630Z SEP 2003)

1518/03(62). RED SEA.

- CHART 62230 (2ND ED).
RACON AT RAS UMM SID LIGHT 27-51.0N 034-18.9E OFF AIR.

(030950Z SEP 2003)

1652/03(63). INDIA-SOUTHEAST COAST.

- CHART 63250 (6TH ED).
ODAS BUOY, FL 20 SEC, YELLOW, RA REF, ESTABLISHED IN 08-47.4N 078-21.0E.

(251140Z SEP 2003)

1653/03(63). INDIA-SOUTHEAST COAST.

- CHART 63250 (6TH ED).
ODAS BUOY 08-42.4N 078-21.2E REMOVED.

(251150Z SEP 2003)

1655/03(29). SOUTH SHETLAND ISLANDS. DECEPTION ISLAND.

- CHART 29101 (6TH ED).
1. GRUMETE LIGHT 62-59S 060-40W UNLIT.
 2. CANCEL HYDROPAC 1654/03(18).

(260820Z SEP 2003)

1688/03(62). PERSIAN GULF.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE IN AREA BOUND BY 26-18N 051-03E, 26-08N 051-03E, 26-08N 050-55E, 26-18N 050-56E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 1641/03(81,97).

(291630Z SEP 2003)

1697/03(61). INDIAN OCEAN.

1. UNDERWATER OPERATIONS:
 - A. IN PROGRESS UNTIL 312359Z DEC IN AREA BETWEEN 09-00S 13-00S AND 070-00E 073-00E.
 - B. 020800Z TO 050800Z OCT

SECTION III

NM 52/03

- WITHIN 60 MILES OF 04-30S 075-30E.
2. CANCEL HYDROPAC 1659/03.
3. CANCEL THIS MSG 010059Z JAN 04.

(010650Z OCT 2003)

- 1699/03(63). INDIA-EAST COAST.
CHART 63280 (3RD ED).
VADAREVU LIGHT, FL (2) 15 SEC, ESTABLISHED IN 15-48N 080-25E.

(010820Z OCT 2003)

- 1700/03(62). PERSIAN GULF. SAUDI ARABIA.
CHART 62455 (7TH ED).
1. RACON (D) ESTABLISHED AT AL JURAYD 27-11.7N 049-57.4E.
RACON AT FAIRWAY BUOY 27-18.8N 050-03.0E REMOVED.
2. CANCEL HYDROPAC 146/02.

(010840Z OCT 2003)

- 1732/03(75). AUSTRALIA-SOUTH COAST.
CHART 75143 (4TH ED).
RACON AT MIDDLE BANK SOUTH LIGHT 33-44.0S 137-29.7E UNRELIABLE.

(070710Z OCT 2003)

- 1733/03(75). AUSTRALIA-SOUTHWEST COAST.
CHART 75051 (6TH ED).
ECLIPSE ISLAND LIGHT 35-10.8S 117-53.2E UNLIT.

(070905Z OCT 2003)

- 1734/03(74). AUSTRALIA-NORTHEAST COAST.
CHART 74210 (7TH ED).
DANGEROUS SUBMERGED ROCK, LEAST DEPTH 9.6 METERS,
IN 22-10.58S 150-39.79E.

(070915Z OCT 2003)

- 1736/03(63). INDIA-WEST COAST.
1. SEISMIC SURVEY IN PROGRESS THRU 28 FEB 04 BY
M/V SAGAR SANDHANI TOWING 6500 METER LONG CABLE
IN AREA BOUND BY 19-12.8N 071-33.6E,
19-12.8N 071-52.3E, 18-58.0N 071-52.3E,
18-58.0N 071-47.6E, 18-54.8N 071-47.6E,
18-54.8N 071-38.7E, 19-06.3N 071-33.6E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 29 FEB 04.

(071206Z OCT 2003)

- 1745/03(96). NORTH PACIFIC.
CHART 96200 (6TH ED).
UNEXPLODED ORDNANCE WITHIN ONE MILE OF 46-35.0N 142-55.5E.

(081415Z OCT 2003)

- 1777/03(63). ARABIAN SEA.
1. SEISMIC SURVEY 14 OCT THRU 05 JAN BY M/V CGG FOHN
TOWING SIX 6000 METER LONG CABLES
IN AREA BOUND BY 23-05N 065-30E,
23-40N 065-30E, 23-40N 065-35E,
24-00N 065-35E, 24-00N 065-40E,
24-15N 065-40E, 24-15N 066-00E,
23-50N 066-00E, 23-50N 066-10E,
23-30N 066-10E, 23-30N 066-15E,
23-20N 066-15E, 23-20N 066-20E,
23-15N 066-20E, 23-15N 066-05E,
23-05N 066-05E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 1517/03(62).
3. CANCEL THIS MSG 06 JAN 04.

(131255Z OCT 2003)

- 1785/03(96). SEA OF JAPAN.
UNDERWATER OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE IN AREAS BOUND BY:
A. 43-52.2N 135-30.5E, 43-49.5N 135-41.3E,
43-41.5N 135-34.5E, 43-41.5N 135-37.8E,
43-44.5N 135-46.5E, 43-38.7N 135-47.3E,
43-37.2N 135-37.0E, 43-46.3N 135-26.0E.
B. 43-41.5N 135-34.5E, 43-49.5N 135-41.3E,
43-48.0N 135-46.0E, 43-42.8N 135-41.7E,
43-41.5N 135-37.8E.

(141600Z OCT 2003)

- 1794/03(62)
1. SALVAGE OPERATIONS IN PROGRESS UNTIL 31 DEC
VICINITY 28-13.2N 033-36.8E.

SECTION III

2. CANCEL THIS MSG 01 JAN 04.

(161350Z OCT 2003)

1801/03(96). RUSSIA. SEA OF JAPAN.
 CHART 96060 (7TH ED).
 1. MYS TITOVA LIGHT 43-06.0N 134-18.5E UNLIT.
 2. CANCEL HYDROGRAPHIC 1767/03.

(171050Z OCT 2003)

1809/03(62). GULF OF SUEZ.
 CHART 62230 (2ND ED).
 1. SHAG ROCK LIGHT 27-46.1N 033-52.1E UNLIT.
 2. CANCEL HYDROGRAPHIC 1802/03(75), AID RESTORED.

(181150Z OCT 2003)

1834/03(73,74). GULF OF PAPUA.
 CHART 74285 (2ND ED).
 BRAMBLE CAY LIGHT 09-08.5S 143-52.6E UNLIT.

(221950Z OCT 2003)

1866/03(62). RED SEA. STRAIT OF TIRAN.
 CHART 62222 (5TH ED).
 GRAFTON PASSAGE SW BUOY 27-59.4N 034-29.1E TEMPORARILY REMOVED.

(271210Z OCT 2003)

1872/03(81). NORTH PACIFIC.
 MAN OVERBOARD FROM VESSEL WAKABA-MARU NO.5
 VICINITY 22-11N 145-05E AT 271815Z OCT.
 VESSELS IN VICINITY REQUESTED TO KEEP
 A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO JAPAN COAST GUARD.

(272308Z OCT 2003)

1887/03(81). NORTH PACIFIC.
 DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 12-36.3N 131-41.1E
 AT 291535Z OCT. VESSELS IN VICINITY REQUESTED TO KEEP A
 SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM.

(291640Z OCT 2003)

1890/03(81). NORTH PACIFIC.
 DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 15-31.5N 162-11.6E
 AT 300449Z OCT. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO RCC HONOLULU, TELEX: 392401,
 PHONE: 808 541 2500, FAX: 808 541 2123.

(300640Z OCT 2003)

1892/03(73). PAPUA NEW GUINEA-EAST COAST.
 CHART 73650 (5TH ED).
 CAPE CRETIN LIGHT 06-39.6S 147-51.9E UNLIT.

(310007Z OCT 2003)

1893/03(73). PAPUA NEW GUINEA-EAST COAST.
 CHART 73650 (5TH ED).
 KITIMULA POINT LIGHT 06-20.2S 147-48.8E UNLIT.

(310610Z OCT 2003)

1906/03(19,97). NORTH PACIFIC.
 1. DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 26-09N 170-53E
 AT 022156Z NOV. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO RCC HONOLULU, TELEX: 392401,
 PHONE: 808 541 2500, FAX: 808 541 2123.
 2. CANCEL HYDROGRAPHIC 1905/03, SIGNAL CEASED.

(030550Z NOV 2003)

1911/03(62). PERSIAN GULF, IRAN.
 PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
 BY M/V DLB ABOUZAR 1200 ALONG TRACKLINE BETWEEN
 27-36.4N 052-29.6E AND 27-35.4N 052-29.2E.
 5000 METER BERTH REQUESTED.

(040755Z NOV 2003)

1914/03(96,97). NORTH PACIFIC.
 1. MAN OVERBOARD VICINITY 43-33.6N 148-03.7E.
 VESSELS IN VICINITY REQUESTED TO KEEP A
 SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS
 TO MRCC VLADIVOSTOK, INMARSAT-C: 4925 00379,

SECTION III

NM 52/03

PHONE: 423 249 5522, FAX: 423 249 5895.
2. CANCEL HYDROPAC 1912/03(73,74).

(041948Z NOV 2003)

1949/03(74). AUSTRALIA-NORTHWEST COAST.
CHART 74455 (3RD ED).

1. BROWSE ISLAND LIGHT 14-06.2S 123-32.9E CHANGED TO:
FL (2) W 10 SEC 11 METERS 11 MILES.
2. CANCEL HYDROPAC 1871/03.

(121040Z NOV 2003)

1952/03(61). INDIAN OCEAN.

CABLE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY CABLESHIP CHAMAREL IN AREA BOUND BY
20-53.0S 057-57.0E, 20-52.8S 058-05.0E,
20-46.0S 058-14.0E. WIDE BERTH REQUESTED.

(121445Z NOV 2003)

1959/03(76). NEW ZEALAND. SOUTH ISLAND-NORTH COAST.

CHART 76070 (9TH ED).
CAPE CAMPBELL LIGHT 41-43.8S 174-16.5E RANGE REDUCED TO 19 MILES.

(130219Z NOV 2003)

1971/03(72). MAKASSAR STRAIT.

1. SEISMIC SURVEY 16 NOV THRU 30 DEC BY
M/V GEICO EMERALD TOWING THREE MILE
LONG CABLE IN AREA BOUND BY
00-16S 117-59E, 00-20S 118-06E,
01-14S 117-37E, 01-07S 117-29E.
2. CANCEL THIS MSG 31 DEC.

(142154Z NOV 2003)

1973/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 13 DEC BY
M/V VERITAS SEARCHER TOWING 6000 METER
LONG CABLE IN AREA BOUND BY
20-16.7N 069-59.1E, 19-06.9N 070-20.3E,
19-00.0N 070-27.0E, 19-00.0N 070-37.0E,
19-29.0N 070-37.0E, 19-22.8N 070-50.0E,
20-00.0N 070-50.0E, 20-00.0N 071-04.0E,
20-18.0N 070-52.2E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 1898/03.
3. CANCEL THIS MSG 14 DEC.

(160811Z NOV 2003)

1975/03(73,74). TORRES STRAIT.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ VICINITY
09-49S 142-43E AT 160808Z NOV. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA,
TELEX: 7162025, PHONE: 612 6230 6811, FAX: 612 6230 6868.

(161225Z NOV 2003)

1979/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 21-54.9N 164-57.6E
AT 170023Z NOV. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC HONOLULU, TELEX: 392401,
PHONE: 808 541 2500, FAX: 808 541 2123.

(170910Z NOV 2003)

1980/03(76,83). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED FROM EIGHT METER VESSEL
VICINITY 50-38S 176-05W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF
POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND,
INMARSAT-C: 4512 00067, PHONE: 644 914 5663,
FAX: 644 914 5520 OR TAupo MARITIME RADIO.

(170920Z NOV 2003)

1982/03(GEN). PERSIAN GULF.

1. THREE VESSELS SEIZED FOR SMUGGLING IRAQI OIL OUT OF IRAQ
AND HELD BY COALITION NAVAL FORCES ESCAPED FROM CUSTODY
IN OCTOBER. ONE OF THESE VESSELS, 45 METER M/V DASHTY HORIZON,
HAD BEEN ORDERED CONFISCATED BY THE BASRA CUSTOMS COURT
FOR VIOLATION OF IRAQI LAW CONCERNING THEFT AND ILLICIT
TRANSPORT OF PROPERTY OF THE IRAQI GOVERNMENT. THE SHIP'S
LEGAL OWNER IS NOW THE IRAQI MINISTRY OF JUSTICE. THE
OTHER TWO VESSELS, 68 METER M/V AL MUSTAFA AND
24 METER M/V DARGHAN 7, WERE DETAINED AWAITING CONFISCATION

SECTION III

HEARINGS BY THE BASRA COURT FOR ALLEGED THEFT OF CRITICAL NATIONAL RESOURCES IN VIOLATION OF IRAQI LAW AND CPA ORDERS.
 2. INDIVIDUALS OR COMPANIES CONDUCTING BUSINESS WITH THESE VESSELS ARE ADVISED THEY MAY BE SUBJECT TO CRIMINAL PROSECUTION UNDER IRAQI LAW. ANYONE WITH INFORMATION ON ANY OF THESE VESSELS, PLEASE CONTACT THE MARITIME LIAISON OFFICE (MARLO) IN BAHRAIN, PHONE: 97 374 3925.

(171240Z NOV 2003)

1983/03(57,61). SOUTH ATLANTIC.
 PERSON REQUIRING MEDICAL ASSISTANCE IN 39-28S 013-24E. VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE. REPORTS TO CAPE TOWN RADIO, TELEX: 9551 1600, PHONE: 272 1551 0700, FAX: 272 1551 3760.

(171515Z NOV 2003)

1991/03(73,74). CORAL SEA.
 4.5 METER VESSEL, FOUR PERSONS ON BOARD, OVERDUE MURRAY ISLAND (09-55S 144-03E) TO DON CAY (09-35S 144-10E). VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA, TELEX: 7162025, PHONE: 612 6230 6811, FAX: 612 6230 6868.

(190303Z NOV 2003)

1998/03(61). MOZAMBIQUE CHANNEL.
 CHART 61440 (2ND ED). ILE JUAN DE NOVA LIGHT 17-03.1S 042-41.8E UNLIT.

(200242Z NOV 2003)

2004/03(73,74). TORRES STRAIT.
 CHART 74293 (7TH ED). SUGAR-RAN REEF LIGHT, FL R 2.5 SEC 7 METERS 6 MILES, ESTABLISHED IN 09-53.9S 143-13.0E.

(210015Z NOV 2003)

2021/03(93,94). SOUTH CHINA SEA.
 MAN OVERBOARD FROM M/V OCEAN JUPITER IN 22-48N 119-00E AT 210905Z NOV. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC HONG KONG.

(221805Z NOV 2003)

2027/03(75). AUSTRALIA-SOUTHEAST COAST.
 UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY BARGE SEMAC 1 IN AREA BOUND BY 38-33S 145-28E, 38-43S 145-50E, 39-55S 145-50E, 39-55S 145-28E. WIDE BERTH REQUESTED.

(240317Z NOV 2003)

2028/03(96). NORTH PACIFIC. KURIL ISLANDS.
 1. SURVEY OPERATIONS IN PROGRESS UNTIL 20 JAN BY M/V ZEPHYR I TOWING 6500 METER LONG CABLE IN AREA BOUND BY 43-28N 145-57E, 43-48N 145-42E, 44-15N 146-09E, 44-25N 146-58E, 45-30N 149-05E, 45-00N 149-35E. 3.5 MILE BERTH REQUESTED.
 2. CANCEL HYDROPAC 1948/03.
 3. CANCEL THIS MSG 21 JAN 04.

(240940Z NOV 2003)

2030/03(74). AUSTRALIA-WEST COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V NORDIC EXPLORER TOWING SIX TWO MILE LONG CABLES IN AREA BETWEEN 27-35S 28-20S AND 113-10E 113-50E. WIDE BERTH REQUESTED.
 2. CANCEL HYDROPAC 1997/03.

(241450Z NOV 2003)

2039/03(81,82). SOUTH PACIFIC.
 1. DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 00-05.5S 154-46.6E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD GUAM, PHONE: 671 339 6100.

SECTION III

NM 52/03

2. CANCEL HYDROPAC 2037/03, SIGNAL CEASED.

(251120Z NOV 2003)

2045/03(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01 THRU 06, 08 THRU 13, 15 THRU 20, 22 THRU 24, 26, 27 AND 29 THRU 31 DEC IN AREA BOUND BY 38-08N 129-51E, 38-08N 130-10E, 37-39N 130-10E, 37-42N 129-51E.
2. CANCEL THIS MSG 311400Z DEC.

(260940Z NOV 2003)

2046/03(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01 THRU 06, 08 THRU 13, 15 THRU 20, 22 THRU 24, 26, 27 AND 29 THRU 31 DEC IN AREA BOUND BY 38-25N 128-45E, 38-25N 129-30E, 38-10N 129-30E, 38-10N 129-00E 38-17N 129-00E, 38-17N 128-45E.
2. CANCEL THIS MSG 311400Z DEC.

(260945Z NOV 2003)

2047/03(94.95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01 THRU 06, 08 THRU 13, 15 THRU 20, 22 THRU 24, 26, 27 AND 29 THRU 31 DEC IN AREA BETWEEN 35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 311400Z DEC.

(260950Z NOV 2003)

2048/03(94.95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01 THRU 06, 08 THRU 13, 15 THRU 20, 22 THRU 24, 26, 27 AND 29 THRU 31 DEC IN AREA BETWEEN 34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311400Z DEC.

(261140Z NOV 2003)

2049/03(94.95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01 THRU 06, 08 THRU 13, 15 THRU 20, 22 THRU 24, 26, 27 AND 29 THRU 31 DEC IN AREA BETWEEN 36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311400Z DEC.

(261145Z NOV 2003)

2050/03(95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01 THRU 06, 08 THRU 13, 15 THRU 20, 22 THRU 24, 26, 27 AND 29 THRU 31 DEC IN AREA BOUND BY 36-35.0N 125-36.0E, 36-35.0N 124-50.0E, 37-06.0N 124-50.0E, 37-10.2N 125-36.0E.
2. CANCEL THIS MSG 311400Z DEC.

(261150Z NOV 2003)

2051/03(GEN). NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) BECOMES THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA).

1. THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) OFFICIALLY BECAME THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) EFFECTIVE 24 NOV.
2. WHILE THE ORGANIZATION NAME HAS CHANGED, DISTRIBUTORS AND CUSTOMERS OF NGA PRODUCTS ARE ADVISED THAT THIS CHANGE HAS NOT AFFECTED THE STRUCTURE OF THE ORGANIZATION OR THE PRODUCT LINE AVAILABLE FROM NGA. PRODUCTS SHOULD CONTINUE TO BE ORDERED AS IN THE PAST.
3. THE AGENCY NAME, INITIALS AND LOGO ON PRODUCTS WILL TRANSITION TO THE NEW VERSION AS PRODUCTS ARE REVISED. ALSO, FOR A TIME THE AGENCY COMMUNICATIONS WILL ACCEPT BOTH NIMA AND NGA ADDRESSING. WEB SITE AND E-MAIL ADDRESSES ARE TRANSITIONING, E.G., FROM NIMA.MIL TO NGA.MIL. NAVIGATION WARNINGS ISSUED BY NGA WILL CONTINUE TO BE ISSUED WITH A NIMA ADDRESS FOR APPROXIMATELY THE NEXT TWO MONTHS UNTIL THE ADDRESSING SYSTEM TRANSITIONS TO NGA.
4. NGA LOOKS FORWARD TO PROVIDING CONTINUED QUALITY SUPPORT TO OUR WORLDWIDE CUSTOMERS.

(261759Z NOV 2003)

2056/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ
IN 19-19.0N 166-42.2E AT 270300Z NOV.

SECTION III

VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC HONOLULU, TELEX: 392401,
PHONE: 808 541 2500, FAX: 808 541 2123.

(270329Z NOV 2003)

2057/03(61). INDIAN OCEAN. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 010001Z TO 312359Z DEC IN AREA BETWEEN 09-00S 13-00S AND 070-00E 073-00E.
2. CANCEL HYDROPAC 2044/03(75) AND 2052/03(75), AIDS RESTORED.
3. CANCEL THIS MSG 010059Z JAN 04.

(270910Z NOV 2003)

2062/03(63). NICOBAR ISLANDS.

CHART 63390 (1ST ED).
CHOWRA ISLAND LIGHT 08-27.4N 093-02.9E UNLIT.

(271521Z NOV 2003)

2063/03(96). NORTH PACIFIC.

PERSON MISSING FROM F/V STRELKA IN 43-30N 146-12E.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC VLADIVOSTOK,
INMARSAT-C: 4925 00379, TELEX: 213115,
PHONE: 742 3222 7782, FAX: 742 3249 5895.

(280007Z NOV 2003)

2065/03(81,97). NORTH PACIFIC.

1. SURVEY OPERATIONS 03 THRU 28 DEC BY M/V POLAR DUKE TOWING 6000 METER LONG CABLE IN AREA BOUND BY 25-37.5N 141-51.7E, 25-23.0N 144-15.1E, 24-07.5N 145-19.4E, 20-41.9N 141-01.8E, 15-26.3N 140-09.5E, 14-28.7N 138-30.4E, 22-37.6N 135-16.6E.
2. CANCEL THIS MSG 29 DEC.

(281140Z NOV 2003)

2070/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 06-03.8N 148-26.1E AT 290945Z NOV. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM, TELEX: 392401, PHONE: 671 339 6100.

(291240Z NOV 2003)

2079/03(61). INDIAN OCEAN.

1. M/V TURICUM DISABLED AND ADRIFT VICINITY 37-49S 072-21E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC LA REUNION,
INMARSAT-C: 42279 9193, TELEX: 916140,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595.
2. CANCEL HYDROPAC 2024/03.

(300747Z NOV 2003)

2082/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 15-34.7N 136-46.8E AT 301445Z NOV. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD GUAM, PHONE: 671 339 6100.

(301650Z NOV 2003)

2090/03(62). PERSIAN GULF, UNITED ARAB EMIRATES.

CHART 62406 (2ND ED).
NAVIGATION PROHIBITED UNTIL FURTHER NOTICE
WITHIN THREE MILES OF 25-13.5N 055-10.0E.

(011830Z DEC 2003)

2091/03(74). AUSTRALIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V PACIFIC SWORD TOWING 4.5 MILE LONG CABLE IN AREA BETWEEN 27-10S 28-00S AND 111-40E 113-00E.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 2087/03.

(012115Z DEC 2003)

2095/03(62). PERSIAN GULF, QATAR.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V GEO MARINER TOWING TWO MILE LONG CABLE IN AREA BOUND BY

SECTION III

NM 52/03

25-43.5N 051-36.0E, 25-43.5N 051-45.0E,
25-54.0N 051-52.0E, 26-32.0N 051-52.0E,
26-32.0N 051-35.0E, 26-11.5N 051-16.0E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 2074/03(75), AID RESTORED.

(021020Z DEC 2003)

2097/03(75). AUSTRALIA-SOUTHEAST COAST.
1. UNDERWATER CORING OPERATIONS IN PROGRESS
UNTIL FURTHER NOTICE BY M/V MARKAB ALONG
TRACKLINE BETWEEN 38-38S 142-55E AND
39-07S 142-55E. TWO MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 2077/03.

(021920Z DEC 2003)

2102/03(63). ARABIAN SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL 20 DEC BY
M/V C-ORION TOWING SIX 5000 METER LONG
CABLES IN AREA BETWEEN
22-38.8N 22-52.8N AND 067-37.8E 067-45.0E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 2001/03.
3. CANCEL THIS MSG 21 DEC.

(030720Z DEC 2003)

2106/03(73). PAPUA NEW GUINEA-NORTHEAST COAST.
CHART 73631 (4TH ED).
HALL POINT LIGHT 09-02.7S 149-18.3E UNLIT.

(031728Z DEC 2003)

2107/03(73). PAPUA NEW GUINEA-NORTHEAST COAST.
CHART 73631 (4TH ED).
STEWART REEF LIGHT 09-07.9S 149-23.0E UNLIT.

(031732Z DEC 2003)

2108/03(73). PAPUA NEW GUINEA-NORTHEAST COAST.
CHART 73631 (4TH ED).
GREAVES REEF LIGHT 09-10.9S 149-26.5E UNLIT.

(031734Z DEC 2003)

2109/03(73). PAPUA NEW GUINEA-NORTHEAST COAST.
CHART 73631 (4TH ED).
HAM REEF LIGHT 09-12.1S 149-26.2E UNLIT.

(031736Z DEC 2003)

2110/03(73). PAPUA NEW GUINEA-NORTHEAST COAST.
CHART 73631 (4TH ED).
VEALE REEF LIGHT 09-12S 149-28E UNLIT.

(031737Z DEC 2003)

2111/03(63). NORTHERN ARABIAN SEA.
CHART 63040 (2ND ED).
FOUR UNEXPLODED ORDNANCE VICINITY 24-58-18N 063-29-30E.

(031759Z DEC 2003)

2115/03(73). PAPUA NEW GUINEA-NORTHEAST COAST.
CHART 73631 (4TH ED).
SPEAR ISLAND LIGHT 08-59.6S 149-08.3E UNLIT.

(040920Z DEC 2003)

2119/03(22). CHILE. GUNNERY.
1. GUNNERY EXERCISES 1300Z TO 2100Z DAILY
10 AND 11 DEC IN AREA BOUND BY
33-14S 072-17W, 33-08S 072-00W,
33-35S 072-00W, 33-41S 072-17W.
2. CANCEL THIS MSG 112200Z DEC.

(042325Z DEC 2003)

2121/03(62). PERSIAN GULF. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0500Z TO 1300Z DAILY
08, 09, 14 AND 15 DEC IN AREA BOUND BY
27-50N 049-36E, 27-26N 049-51E,
27-27N 050-27E, 27-37N 050-22E,
27-51N 049-52E.
2. CANCEL THIS MSG 151400Z DEC.

(050710Z DEC 2003)

SECTION III

2123/03(61). MOZAMBIQUE.
 CHART 61170 (5TH ED).
 1. PONTA DO DIABO LIGHT 12-44.8S 040-38.1E UNLIT.
 2. CANCEL HYDROPAC 2122/03(74), STATION RESTORED.

(051420Z DEC 2003)

2129/03(63). INDIA-WEST COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 13 DEC
 BY M/V TEKNIK PERDANA TOWING 1500 METER
 LONG CABLE IN AREA BOUND BY
 2011.9N 067-50.3E, 2011.3N 067-55.8E,
 20-08.9N 067-53.0E, 20-09.3N 067-52.3E.
 WIDE BERTH REQUESTED.
 2. CANCEL HYDROPAC 1992/03.
 3. CANCEL THIS MSG 14 DEC.

(060950Z DEC 2003)

2130/03(81). NORTH PACIFIC.
 1. TEN METER LONG CYLINDRICAL OBJECTS
 ADRIFT AT 060100Z DEC IN:
 A. 22-50.3N 133-43.5E.
 B. 22-58.6N 133-41.6E.
 2. CANCEL HYDROPAC 2126/03.
 3. CANCEL THIS MSG 13 DEC.

(061120Z DEC 2003)

2131/03(GEN).
 1. HYDROPAC MESSAGES IN FORCE 061200Z DEC 2003. ONLY THOSE
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2003 SERIES: 1866(62), 1872(81), 1887(81), 1890(81),
 1892(73), 1893(73), 1906(19.97), 1911(62), 1914(96.97),
 1949(74), 1951(63), 1952(61), 1959(76), 1971(72), 1973(63),
 1975(73,74), 1979(81), 1980(76,83), 1982(GEN), 1983(57,61),
 1991(73,74), 1998(61), 2004(73,74), 2021(93,94), 2027(75),
 2028(96), 2030(74), 2039(81,82), 2045(95), 2046(95),
 2047(94,95), 2048(94,95), 2049(94,95), 2050(95), 2051(GEN),
 2056(81), 2057(61), 2059(97), 2061(63), 2062(63), 2063(96),
 2064(63), 2065(81,97), 2067(63), 2070(81), 2079(61),
 2082(81), 2090(62), 2091(74), 2094(19.97), 2095(62),
 2096(94,97), 2097(75), 2098(22,83), 2100(81), 2102(63),
 2106(73), 2107(73), 2108(73), 2109(73), 2110(73), 2111(63),
 2115(73), 2116(75), 2118(22), 2119(22), 2121(62), 2123(61),
 2127(83), 2128(63), 2129(63), 2130(81).
 2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE
 AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
 WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
 ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
 3. CANCEL HYDROPAC 1819/03, 1820/03, 1829/03, 1837/03,
 1842/03, 1843/03, 2053/03, 2069/03.

(061220Z DEC 2003)

2132/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 0030Z TO 0400Z AND 0830Z TO 1330Z
 DAILY 09 THRU 11 DEC IN AREA BETWEEN
 20-00N 20-35N AND 088-00E 089-00E.
 2. CANCEL THIS MSG 111430Z DEC.

(061240Z DEC 2003)

2133/03(97). NORTH PACIFIC. ROCKETS.
 1. HAZARDOUS OPERATIONS 1730Z TO 1930Z
 DAILY 10 AND 11 DEC WITHIN 216 MILES
 OF 31-55N 153-45E.
 2. CANCEL THIS MSG 112030Z DEC.

(061245Z DEC 2003)

2134/03(63). INDIA-EAST COAST.
 CHART 63280 (3RD ED).
 ANTERVEDI DGPS STATION 16-19N 081-44E OFF AIR.

(061250Z DEC 2003)

2136/03(74). AUSTRALIA-EAST COAST.
 1. DERELICT 18 METER F/V CAPSIZED AND ADRIFT
 VICINITY 23-47.5S 152-12.6E AT 0615230Z DEC.
 2. CANCEL THIS MSG 13 DEC.

(061800Z DEC 2003)

2138/03(91,93). SOUTH CHINA SEA.
 MAN OVERBOARD FROM M/V BALTIC LEADER VICINITY
 18-02.9N 118-18.8E AT 060100Z DEC. VESSELS
 IN VICINITY REQUESTED TO KEEP A SHARP

SECTION III

NM 52/03

LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
MRCC HONG KONG, TELEX: 8028 2952.

(070240Z DEC 2003)

2139/03(76). NEW ZEALAND. NORTH ISLAND-SOUTH COAST.
CHART 76070 (9TH ED).
BARING HEAD LIGHT 41-24.6S 174-52.2E UNRELIABLE.

(071120Z DEC 2003)

2140/03(GEN). TAIWAN TO GUAM.
F/V CHUG MING HSING NO. 23 UNREPORTED TAIWAN TO GUAM.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD GUAM.

(080150Z DEC 2003)

2141/03(62). PERSIAN GULF. ORDNANCE.
1. EMERGENCY ORDNANCE JETTISON AREA ESTABLISHED
UNTIL 202000Z DEC IN AREA BETWEEN
24-35.0N 24-40.0N AND 051-58.6E 052-04.2E.
2. CANCEL THIS MSG 202100Z DEC.

(080640Z DEC 2003)

2143/03(81,97). NORTH PACIFIC.
1. UNDERWATER OPERATIONS 13 DEC THRU 17 JAN BY
M/V HAKUREI MARU NO. 2 IN AREA BOUND BY
32-00N 140-00E, 20-00N 143-00E,
20-00N 135-00E, 25-00N 132-30E,
30-00N 132-30E, 32-00N 134-00E.
2. CANCEL THIS MSG 18 JAN 04.

(081010Z DEC 2003)

2148/03(74). AUSTRALIA-WEST COAST.
1. EIGHT METER LONG FLOAT AND EQUIPMENTADRIFT
IN 28-13.3S 113-47.5E AT 091014Z DEC.
2. CANCEL HYDROGRAPHIC 2116/03(75), SURVEY COMPLETED.
3. CANCEL THIS MSG 16 DEC.

(091335Z DEC 2003)

2149/03(63). INDIA-WEST COAST. ROCKETS.
1. HAZARDOUS OPERATIONS 1330Z TO 1600Z
DAILY 10 AND 11 DEC WITHIN 75 MILES
OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 111700Z DEC.

(091345Z DEC 2003)

2150/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 110730Z TO 111130Z DEC IN AREA
BOUND BY 16-42N 072-17E, 16-27N 072-45E,
15-32N 073-15E, 16-10N 072-05E.
2. CANCEL THIS MSG 111230Z DEC.

(091400Z DEC 2003)

2151/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 102230Z TO 111030Z DEC IN AREA
BETWEEN 16-20N 15-40N AND 086-00E 086-40E.
2. CANCEL THIS MSG 111130Z DEC.

(091410Z DEC 2003)

2153/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 121230Z TO 121530Z DEC IN AREA
BOUND BY 17-42.2N 083-18.6E, 17-42.1N 083-29.9E,
17-36.7N 083-28.5E, 17-32.7N 083-24.3E.
2. CANCEL THIS MSG 121630Z DEC.

(091420Z DEC 2003)

2154/03(75). AUSTRALIA-SOUTH COAST.
CHART 75220 (12TH ED).
CAPE WOOLAMAI LIGHT 38-33.9S 145-21.4E UNLIT.

(092029Z DEC 2003)

2158/03(62). PERSIAN GULF. ORDNANCE.
1. EMERGENCY ORDNANCE JETTISON AREA ESTABLISHED
UNTIL 202000Z DEC IN AREA BETWEEN
25-43N 25-48N AND 053-00E 053-05E.
2. CANCEL THIS MSG 202100Z DEC.

(100810Z DEC 2003)

SECTION III

2159/03(63). INDIA-EAST COAST.

1. SEISMIC SURVEY 12 DEC THRU 12 APR BY M/V GECO EAGLE TOWING EIGHT 6000 METER LONG CABLES IN AREA BOUND BY 16-36.7N 082-29.1E, 16-31.7N 082-30.0E, 15-30.0N 082-30.0E, 15-30.0N 083-00.0E, 16-56.2N 083-00.0E, 16-49.2N 082-49.5E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPOC 2157/03(83), FALSE ALERT.
3. CANCEL THIS MSG 13 APR 04.

(101150Z DEC 2003)

2160/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 120330Z TO 121530Z DEC IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E, 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 121630Z DEC.

(101455Z DEC 2003)

2161/03(74). AUSTRALIA-EAST COAST.

1. DERELICT 20 METER F/V PARTIALLY SUBMERGED AND ADRIFT IN 29-20.5S 153-49.9E AT 100930Z DEC.
2. CANCEL THIS MSG 17 DEC.

(101700Z DEC 2003)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 11 December 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002 and in Notice to Mariners 14/03.

SPECIAL WARNINGS in force 11 December 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION**NEW EDITION OF SAILING DIRECTIONS**

Pub. 191, Sailing Directions (Enroute) English Channel, Tenth Edition, 2003, is ready for issue. This publication has been corrected to 16 August 2003, including Notice to Mariners No. 33 of 2003.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

NGA nautical publications as produced in digital format are more robust, expansive and customer friendly than the printed versions. Customers can expect access to data links between publication data sets, video streams, links to other websites, timely up-to-date information and current state of the art graphics, photos and commercial imagery.

Digital Nautical publications will be updated using a binary executable called “Publication Data Update (PDU)”. PDU updates are cumulative or sequential ensuring customers will not miss any changes and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

Customers requiring paper versions of NGA products may purchase them through the U.S. Government Printing Office (GPO) Superintendent of Documents. The NGA point of contact for this effort is Mr. Adam Veracka (301)227-3173.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Sounding sensor or method used

Sounding(s) corrected for draft: Yes No

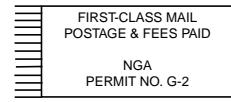
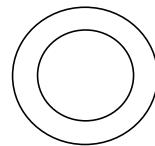
Details of Information Reported (continue on additional sheets as necessary) _____

www.nature.com/scientificreports/

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

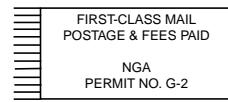
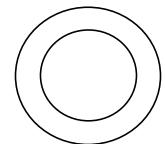
Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

If observed, Date _____ Time (Local) _____

Verified by Navigator: Yes No

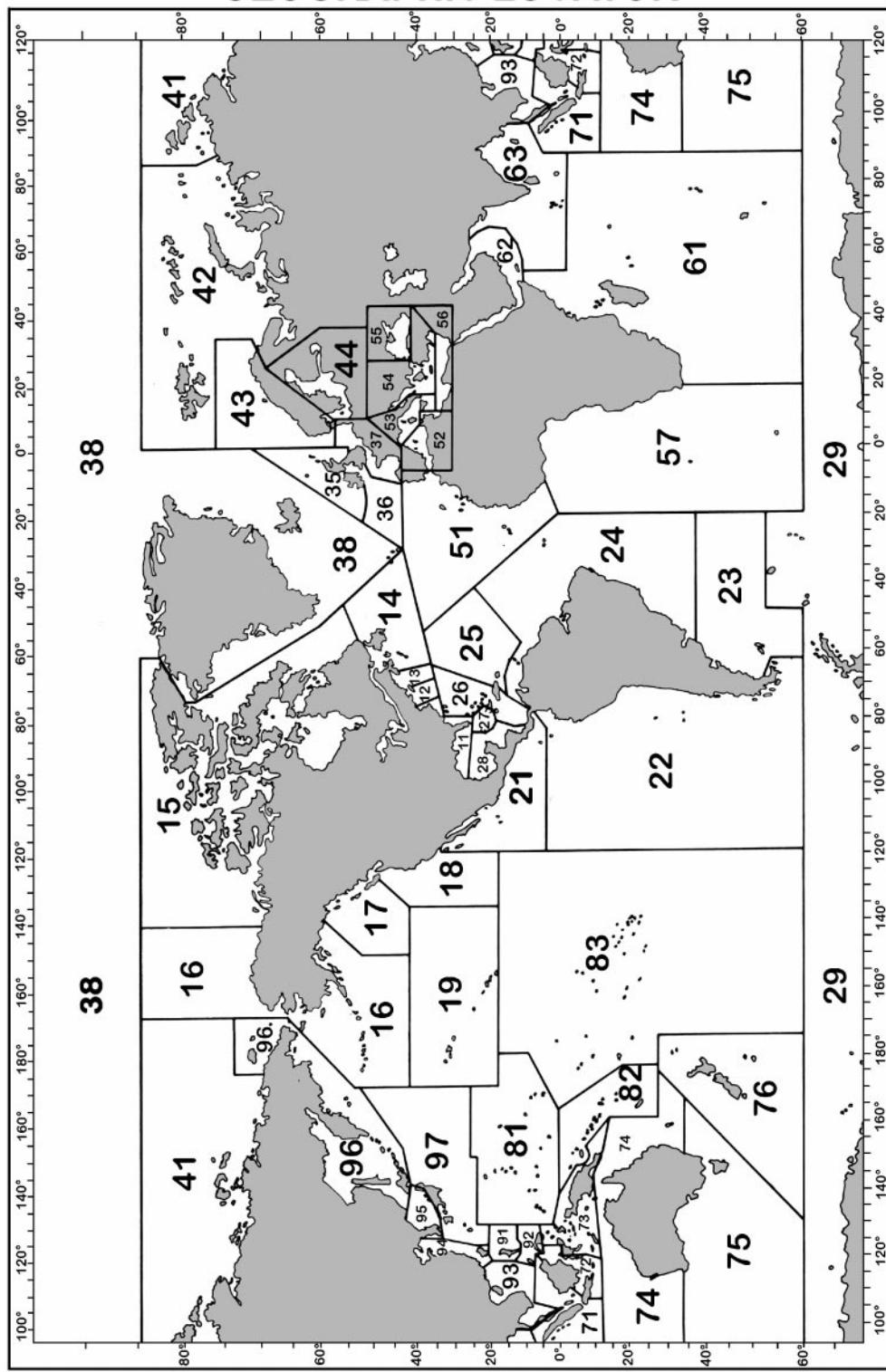
Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**

GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

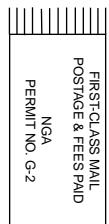
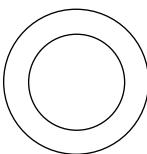
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT
NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY